Dutral® TER 6537

Ethylene Propylene Diene Terpolymer

Versalis S.p.A.

Message:

Dutral[®] TER 6537 is an Ethylene - Propylene - Diene polymer produced by suspension polymerisation using a Ziegler-Natta Catalyst at the Ferrara production facility in Italy.

A non-staining antioxidant is added during the production process.

Key Features

Dutral[®] elastomers are characterized by excellent resistance to ageing and weathering, good resistance to both high and low temperatures, low permanent set values, good resistance to a large number of chemicals.

Dutral® TER 6537 is a very high molecular weight terpolymer of medium—high diene content, extended with 50% paraffinic oil.

It has good low temperature performances, high green strength and very fast curing. It can accept the highest amount of filler and plasticizer. Dutral® TER 6537 can be used for producing low hardness and high elastic compound.

Main Applications

Automotive, mechanical goods, appliances, TPV, building.

Features Antioxidant Feat Cure Good Chemical Resistance Good Weather Resistance High Elasticity High Elasticity High Strength Low Hardness Low Temperature Resistant Terpolymer Utra High Molecular Weight Utra High Molecular Weight Utra High Molecular Weight Forms Appliances High Materials Compounding Forms Bale Physical Nominal Value Unit Moloney Viscosity (ML 1+4, 125°C) 43 MU Old Type (Paraffinic Cli) 50.0 wt% Old Type (Paraffinic Cli) 50.0 wt% Propylene Content 52.0 wt%	General Information		
Fat CureGood Chemical ResistanceGood Weather ResistanceHigh ElasticityHigh StrengthLow HardnessLow Temperature ResistantTerpolymerUttra High Molecular WeightUttra High Molecular WeightFormsPhysicalPhysicalMonopy Viscosity (ML 1+4, 125*C)43Monopy Viscosity (ML 1+4, 125*C)44Monopy Viscosity (ML 1+4, 125*C)4546474748494949404041 <td>Additive</td> <td>Antioxidant</td> <td></td>	Additive	Antioxidant	
Good Chemical ResistanceGood Weather ResistanceHigh ElasticityHigh ElasticityHigh StrengthLow HardnessLow Temperature ResistantTerpolymerUltra High Molecular WeightUsesAppliancesAutomotive ApplicationsBalePhysicalMoney Viscosity (ML 1+4, 125°C)BaleEthylidene Norbornene (ENB) ContentGil Open CanaditySil ContentPipylence ContentSil Cont	Features	Antioxidant	
Good Weather ResistanceHigh ElasticityHigh ElasticityHigh StrengthLow HardnessLow Temperature ResistantTerpolymerOutman High Molecular WeightUsesAppliancesBuilding MaterialsCompoundingFormsBePhysicalMoney Viscosity (ML 1+4, 125°C)AgMoney Viscosity (ML 1+4, 125°C)Bilding MaterialsColl Type (Paraffnic Cil)Suldi CalanceBildi CalanceBildi CalanceMutorobornene (ENB) ContentSuldi CalanceAt ContentQi Type (Paraffnic Cil)Suldi CalanceSuldi Calan		Fast Cure	
High Elasticity High Heat Resistance High Strength Low Hardness Low Temperature Resistant Terpolymer Ultra High Molecular WeightUsesAppliances Automotive Applications Building Materials CompoundingFormsBelPhysicalNomial ValueMooney Viscosity (ML 1+4, 125°C)3Al 2010MUChyldene Norbonnen (ENB) Content5.0Al Content0.3Al Content2.0Proylene Content32.0Money Content32.0Materials Content12.0Money Content12.0Materials Content12.0<		Good Chemical Resistance	
High Heat ResistanceHigh StrengthLow HardnessLow Temperature ResistantTerpolymerUltra High Molecular WeightUsesAppliancesAutomotive ApplicationsBuilding MaterialsCompoundingFormsPhysicalMooney Viscosity (ML 1+4, 125°C)BaleEthylidene Norbornene (ENB) Content8.0Oil Type (Paraffnic Oil)5.0At ContentAlt ContentS2.0With		Good Weather Resistance	
High Strength Low Hardness Low Temperature Resistant Terpolymer Ultra High Molecular WeightUsesAppliances Automotive Applications Building Materials CompoundingFormsBalePhysicalNominal ValueMonory Viscosity (ML 1+4, 125°C)43Monory Viscosity (ML 1+4, 125°C)43Monory Viscosity (ML 1+4, 125°C)50Minal ValueMuEthyliden Norbonene (ENB) Content50Ash Content<0.3		High Elasticity	
Low Hardness Low Temperature Resistant Terpolymer Ultra High Molecular WeightKenter State Low Temperature Resistant Terpolymer Ultra High Molecular WeightUsesAppliances Automotive Applications Building Materials CompoundingFormsBalePhysicalNominal ValueMonory Viscosity (ML 1+4, 125°C)43Monory Viscosity (ML 1+4, 125°C)43Monory Viscosity (ML 1+4, 125°C)50Monory Viscosity (ML 1+4, 125°C)60Monory Viscosity (ML 1+4, 125°C)60MuMuConserver60MuMuConserver60MuMuConserver60MuMuConserver60MuMuConserver60MuMuConserver60Mu </td <td></td> <td>High Heat Resistance</td> <td></td>		High Heat Resistance	
Low Temperature Resistant Terpolymer Ultra High Molecular WeightUsesApliances Automotive Applications Building Materials CompoundingFormsBalePhysicalNomial ValueMooney Viscosity (ML 1+4, 125°C)43Mooney Viscosity (ML 1+4, 125°C)8.0Monoey Viscosity (ML 1+4, 125°C)5.0Juilding Adaterials Content101Ash Content6.0Silone102Materials103Silone103Minal Value104Money Viscosity (ML 1+4, 125°C)8.0Silone103Minal Value104Minal Value104 </td <td></td> <td>High Strength</td> <td></td>		High Strength	
Erepolymer Ultra High Molecular WeightUsesAppliances Automotive Applications Building Materials CompoundingFormsBalePhysicalNominal ValueMooney Viscosity (ML 1+4, 125°C)43Monoey Viscosity (ML 1+4, 125°C)43Monoey Viscosity (ML 1+4, 125°C)43Monoey Viscosity (ML 1+4, 125°C)8.0Monoey Viscosity (ML 1+4, 125°C)6.0Monoey Viscosity (ML 1+4, 125°C)8.0Monoey Viscosity (ML 1+4, 125°C)8.0Monoey Viscosity (ML 1+4, 125°C)8.0Monoey Viscosity (ML 1+4, 125°C)8.0Monoey Viscosity (ML 1+4, 125°C)8.0MuMuCompounding9.0MuMuCompounding9.0Mu <t< td=""><td></td><td>Low Hardness</td><td></td></t<>		Low Hardness	
Utra High Molecular WeightUsesAppliances Automotive Applications Building Materials CompoundingFormsBalePhysicalNominal ValueMoney Viscosity (ML 1+4, 125°C)43Alone Viscosity (ML 1+4, 125°C)8.0Alone Viscosity (ML 1+4, 125°C)5.0Alone Viscosity (ML 1+4, 1		Low Temperature Resistant	
Uses Appliances Automotive Applications Building Materials Building Materials Compounding Forms Bale Physical Nominal Value Unit Mooney Viscosity (ML 1+4, 125°C) 43 MU Bthylidene Norbornene (ENB) Content 8.0 wt% Oil Type (Paraffinic Oil) 50.0 phr Ash Content <.0.3		Terpolymer	
Automotive Applications Building Materials CompoundingFormsBalePhysicalNominal ValueUnitMooney Viscosity (ML 1+4, 125°C)43MUBolWildianeMutomotionChylidene Norbornene (ENB) Content8.0MutomotionOil Type (Paraffinic Oil)50.0phrAsh Content< 0.3wt%Proylene Content32.0wt%		Ultra High Molecular Weight	
Automotive Applications Building Materials CompoundingFormsBalePhysicalNominal ValueUnitMooney Viscosity (ML 1+4, 125°C)43MUBolWildianeMutomotionChylidene Norbornene (ENB) Content8.0MutomotionOil Type (Paraffinic Oil)50.0phrAsh Content< 0.3wt%Proylene Content32.0wt%			
Building Materials CompoundingFormsBalePhysicalNominal ValueMooney Viscosity (ML 1+4, 125°C)43A00ney Viscosity (ML 1+4, 125°C)43Building MaterialsMUChylidene Norbornene (ENB) Content5.0Ash Content< 0.3	Uses	Appliances	
Compounding Forms Bale Physical Nominal Value Unit Mooney Viscosity (ML 1+4, 125°C) 43 MU Ethylidene Norbornene (ENB) Content 8.0 wt% Oil Type (Paraffinic Oil) 50.0 phr Ash Content <0.3		Automotive Applications	
FormsBalePhysicalNominal ValueUnitMooney Viscosity (ML 1+4, 125°C)43MUEthylidene Norbornene (ENB) Content8.0wt%Oil Type (Paraffinic Oil)50.0phrAsh Content< 0.3		Building Materials	
PhysicalNominal ValueUnitMooney Viscosity (ML 1+4, 125°C)43MUEthylidene Norbornene (ENB) Content8.0wt%Oil Type (Paraffinic Oil)50.0phrAsh Content< 0.3		Compounding	
PhysicalNominal ValueUnitMooney Viscosity (ML 1+4, 125°C)43MUEthylidene Norbornene (ENB) Content8.0wt%Oil Type (Paraffinic Oil)50.0phrAsh Content< 0.3			
Mooney Viscosity (ML 1+4, 125°C)43MUEthylidene Norbornene (ENB) Content8.0wt%Oil Type (Paraffinic Oil)50.0phrAsh Content< 0.3	Forms	Bale	
Ethylidene Norbornene (ENB) Content8.0wt%Oil Type (Paraffinic Oil)50.0phrAsh Content< 0.3	Physical	Nominal Value	Unit
Oil Type (Paraffinic Oil)50.0phrAsh Content< 0.3	Mooney Viscosity (ML 1+4, 125°C)	43	MU
Ash Content< 0.3wt%Propylene Content32.0wt%	Ethylidene Norbornene (ENB) Content	8.0	wt%
Propylene Content 32.0 wt%	Oil Type (Paraffinic Oil)	50.0	phr
	Ash Content	< 0.3	wt%
Volatiles < 0.5 wt%	Propylene Content	32.0	wt%
	Volatiles	< 0.5	wt%

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

