

Delon 5050

Thermoplastic Elastomer, Ether-Ester
Shanghai Lin Gen Rubber Materials Co., Ltd.

Message:

Delon 5050 is a thermoplastic elastomer, ether-ester (TEE) material. This product is available in the Asia-Pacific region and is processed by blow molding, extrusion or injection molding.

The main features of Delon 5050 are:

- chemical resistance
- High Toughness
- Copolymer
- Good processability
- Creep resistance

Typical application areas include:

- Wire and cable
- engineering/industrial accessories
- Sealing applications
- Automotive Industry
- container

General Information		
Features	Block Copolymer	
	Ultra high toughness	
	High elasticity	
	Workability, good	
	Good creep resistance	
	Good chemical resistance	
	Oil resistance	
Uses	Wire and cable applications	
	Piping system	
	Seals	
	Accessories	
	Application in Automobile Field	
	Container	
Processing Method	Blow molding	
	Extrusion	
	Injection molding	
Physical	Nominal Value	Unit
Specific Gravity	1.18	g/cm ³
Hardness	Nominal Value	Unit
Durometer Hardness (Shore D)	50	
Mechanical	Nominal Value	Unit

Flexural Modulus	110	MPa
Elastomers	Nominal Value	Unit
Tensile Strength (Yield)	20.0	MPa
Tensile Elongation (Break)	500	%
Tear Strength	128	kN/m
Thermal	Nominal Value	Unit
Brittleness Temperature	-70.0	°C
Vicat Softening Temperature	155	°C
Melting Temperature	195	°C
Injection	Nominal Value	Unit
Drying Temperature	80 - 110	°C
Drying Time	4.0 - 6.0	hr
Mold Temperature	20 - 50	°C
Injection Pressure	60.0 - 100	MPa

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

