

STARGUM P 702 naturale

Thermoplastic Elastomer

Daloga srl

Message:

STARGUM P 702 naturale is a Thermoplastic Elastomer (TPE) material. It is available in Europe for extrusion.

General Information			
Appearance	Natural Color		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.26 to 1.30	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 30 sec)	84 to 88		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	32.4 to 39.6	MPa	ISO 527-2
Tensile Strain (Break)	580 to 700	%	ISO 527-2
Abrasion Resistance	37.0 to 47.0	mm ³	DIN 53516
Thermal Stability	> 80		ISO R 182
Resistance Against Saponification	< 200	mg KOH/g	HD 22.10 S1
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	77.0 to 87.0	kN/m	DIN 53515
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (100°C, 168 hr)	< -30	%	UL 1581
Change in Ultimate Elongation in Air (100°C, 168 hr)	< -30	%	UL 1581
Change in Tensile Strength			UL 1581
90°C, 168 hr, in ASTM #2 Oil	< -30	%	
121°C, 18 hr, in ASTM #2 Oil	< -30	%	
Change in Ultimate Elongation			UL 1581
90°C, 168 hr, in ASTM #2 Oil	< -30	%	
121°C, 18 hr, in ASTM #2 Oil	< -30	%	
Thermal	Nominal Value	Unit	Test Method
Ductile / Brittle Transition Temperature	-43.0 to -39.0	°C	ISO 458
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (20°C)	> 5.0E+13	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	26 to 29	%	ISO 4589-2

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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



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