

Generic TPU-Polyether - Barium Sulfate

Thermoplastic Polyurethane Elastomer (Polyether)

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic TPU-Polyether - Barium Sulfate
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement	Barium Sulfate		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23 to 1.35	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.4 to 7.5	g/10 min	ASTM D1238
Molding Shrinkage - Flow (23°C)	0.80 to 0.81	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (23°C)	55 to 95		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (23°C)	5.52 to 23.5	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain, 23°C	3.45 to 12.1	MPa	
300% Strain, 23°C	8.96 to 38.6	MPa	
Tensile Strength (Break, 23°C)	30.3 to 48.3	MPa	ASTM D412
Tensile Elongation (Break, 23°C)	300 to 550	%	ASTM D412

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