

Elastever® E1188A

Material Description:

Elastever® E1188A is a unreinforced Thermoplastic Polyurethane Elastomer(TPU-polyether) product. Characteristics include:Environmental Protection.

General

Material Status	• Commercial: Active
Availability	• Asia Pacific
	• Europe
	• Middle East
Features	• Shock Absorption
	• Ageing Resistant
	• Good Processability
	• Oil Resistant
	• High Resilience
Appearance	• Pellets
RoHS Compliance	• RoHS Compliant
Processing Method	• Injection Molding

Physical Properties	Typical Value	Unit	Test Method
Density/Specific Gravity	1.21	g/cm ³	ASTM D792
Molding Shrinkage -Flow (3.20mm)	0.8 to 1.1	%	ASTM D955
Moisture Content	< 0.02	%	

Hardness	Typical Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A, 10 sec	88		
Shore D	60		

Mechanical Properties	Typical Value	Unit	Test Method
Tensile Strength	42	MPa	ASTM D638
Tensile Elongation (Yield)	400	%	ASTM D638

Processing Information	Typical Value	Unit
Injection Pressure	68.9 to 103	MPa
Processing (Melt) Temp	185 to 218	°C
Mold Temperature	38 to 60	°C
Drying Temperature	88	°C
Drying Time	4 to 6	hr

CONTACT:

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