

Elastever® E1115TF-80A

Material Description:

Elastever® E1115TF-80A is a Thermoplastic Polyurethane Elastomer(TPU-polyether) product filled with 15% PTFE. Characteristics include:Lubricated.

General

Material Status	• Commercial: Active
Availability	• Asia Pacific • Europe • Middle East • North America • Latin America • Africa
Additive	• PTFE Lubricant: 15%
Features	• Lubricated • Ageing Resistant • Good Processability • Oil Resistant • High Resilience • Cold Resistant • Environmental Protection • Wear Resistant
Appearance	• Black • Natural Color
Forms	• Pellets
RoHS Compliance	• RoHS Compliant
Processing Method	• Injection Molding

Physical Properties	Typical Value	Unit	Test Method
Density/Specific Gravity	1.27	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.4	%	ASTM D955

Hardness	Typical Value	Unit	Test Method
Durometer Hardness (Shore A)	80		ASTM D2240

Mechanical Properties	Typical Value	Unit	Test Method
Tensile Strength (Ultimate)	37	MPa	ASTM D638

Impact Properties	Typical Value	Unit	Test Method
Notched Izod Impact(3.18mm)	No Break		ASTM D256

Flammability	Typical Value	Unit	Test Method
Flame Rating (1.6mm)	HB		UL 94

Processing Information	Typical Value	Unit
Rear Temperature	182 to 218	°C
Middle Temperature	182 to 218	°C
Front Temperature	182 to 218	°C
Mold Temperature	16 to 66	°C
Injection Pressure	103 to 138	MPa

CONTACT:

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