

Elastever® E1115TF-83A

Material Description:

Elastever® E1115TF-83A 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
Additive	• PTFE Lubricant: 15%
	• Lubricated
	• Ageing Resistant
Features	• Good Processability
	• Oil Resistant
	• Shock Absorption
	• RoHS Compliant
RoHS Compliance	• RoHS Compliant
Processing Method	• Injection Molding

Physical Properties	Typical Value	Unit	Test Method
Density/Specific Gravity	1.25	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.5 to 1	%	ASTM D955
Moisture Content	0.01	%	

Hardness	Typical Value	Unit	Test Method
Durometer Hardness (Shore A,10 sec)	83		ASTM D2240

Elastomers	Typical Value	Unit	Test Method
Tensile Strength (Yield)	36	MPa	ASTM D412
Tensile Elongation (Yield)	> 500	%	ASTM D412

Processing Information	Typical Value	Unit
Injection Pressure	68.9 to 103	MPa
Processing (Melt) Temp	199 to 218	°C
Mold Temperature	16 to 60	°C
Drying Temperature	107	°C
Drying Time	6	hr
Dew Point	-18	°C

CONTACT:

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