

Elastever® E1115TF-90A

Material Description:

Elastever® E1115TF-90A 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	1.29	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.1	%	ASTM D955
Moisture Content	0.02	%	

Hardness	Typical Value	Unit	Test Method
Durometer Hardness (Shore A,10 sec)	90		ASTM D2240

Elastomers	Typical Value	Unit	Test Method
Tensile Strength (Yield)	36	MPa	ASTM D412
Tensile Elongation (Yield)	400	%	ASTM D412
Tear Strength, Die C	129	KN/m	ASTM D624

Processing Information	Typical Value	Unit
Injection Pressure	34.5 to 68.9	MPa
Processing (Melt) Temp	182 to 216	°C
Mold Temperature	16 to 32	°C
Drying Temperature	82	°C
Drying Time	6	hr
Dew Point	-29	°C

CONTACT:

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