

## Elastever® E1185A

### Material Description:

Elastever® E1185A is a unreinforced Thermoplastic Polyurethane Elastomer(TPU-polyether) product.

General	
Material Status	<ul style="list-style-type: none"> <li>Commercial: Active</li> </ul>
Availability	<ul style="list-style-type: none"> <li>Asia Pacific</li> <li>Europe</li> <li>Middle East</li> </ul>
	<ul style="list-style-type: none"> <li>North America</li> <li>Latin America</li> <li>Africa</li> </ul>
	<ul style="list-style-type: none"> <li>High Resilience</li> <li>Cold Resistant</li> <li>Environmental Protection</li> <li>Wear Resistant</li> </ul>
Features	<ul style="list-style-type: none"> <li>Ageing Resistant</li> <li>Good Processability</li> <li>Oil Resistant</li> <li>Shock Absorption</li> </ul>
RoHS Compliance	<ul style="list-style-type: none"> <li>RoHS Compliant</li> </ul>
Processing Method	<ul style="list-style-type: none"> <li>Injection Molding</li> </ul>

Physical Properties	Typical Value	Unit	Test Method
Density/Specific Gravity	1.2	g/cm <sup>3</sup>	ASTM D792
Moisture Content	< 0.02	%	

Hardness	Typical Value	Unit	Test Method
Durometer Hardness (Shore A,10 sec)	85		ASTM D2240

Elastomers	Typical Value	Unit	Test Method
Tensile Strength <sup>1</sup> Break, 3.20 mm	36	MPa	ASTM D412
Tensile Elongation <sup>1</sup> (Break)	500	%	ASTM D412
Tear Strength, Die C	88	KN/m	ASTM D624

Processing Information	Typical Value	Unit
Processing (Melt) Temp	193 to 204	°C
Mold Temperature	16 to 41	°C
Drying Temperature	82 to 104	°C
Drying Time	2 to 4	hr

### NOTES:

<sup>1</sup> Die C,500 mm/min

### CONTACT:

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