

MEGOL I A 60 P UG



TPE-S

TPS-SEBS compounds

Properties	Methods	Units	Results (*)
Density	ASTM D792	g/cc	0,89
Hardness Sh.A (15 sec)	ASTM D2240	sh.A	60
Melt flow index 190[C 49.05N	ASTM D1238	g/10'	15
Tear strength (type C)	ASTM D624	KN/m	25
Tensile strength at 100% (type IVB)	ASTM D638	MPa	1,5
Tensile strength at 300% (type IVB)	ASTM D638	MPa	2,5
Tensile strength (type IVB)	ASTM D638	MPa	10
Elongation at break (type IVB)	ASTM D638	%	700

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Technology

Injection Moulding

Processing

Optimum processing conditions depend on such features as machine size, screw design, mould/extruder head and material residence time.

Pre-drying: Not required.

It is necessary to store the material in a cool dry place. Exposure to high temperature, high humidity, flames or other heat source has to be avoided.

Shelf life: one year.

Injection pressure: Medium - High

Back pressure: Medium - Low

Injection speed: Medium

Temperature settings (°C)

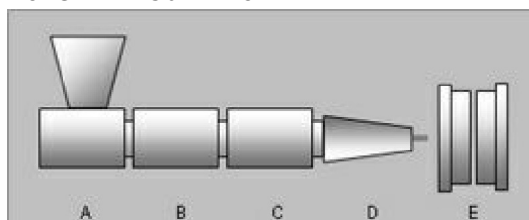
Zone A: 170 : 180

Zone B: 175 : 185

Zone C: 185 : 195

Zone D: 195 : 205

Zone E: 30 : 45



Recycling

Regrinded material can be easily mixed with virgin product.

Not allowed for critical applications or thermoset materials.

(*) Typical property values; these are not to be construed as specifications.

The information supplied above is given in good faith and is accurately based on test results. However, we recommend that the procedures suggested, which may be updated from time to time, are tested to ensure that they are suitable for your specific application/production. API Spa does not guarantee results and assumes no obligation or responsibility whatsoever in respect of the information provided, other than those required by applicable Law. Furthermore API Spa will not take any responsibility in case of any use of the products in violation of third party patent and/or right of any kind.