

Zylog Neoplast® 155 FT SWB Thermoplastic Vulcanizate

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Vulcanizate Elastomer (TPV)

Material Notes:

Neoplast 155 FT SWB is a soft, dynamically vulcanized thermoplastic vulcanizate (TPV), based on polyolefin chemistry, and is intended for Injection Molding and Extrusion applications. RoHS Compliant, UV Stabilized. Information provided by Zylog Plastalloys Pvt. Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zylog-Neoplast-155-FT-SWB-Thermoplastic-Vulcanizate.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ASTM D 792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	58	58	ASTM D 2240
	60	60	Heat Aging; ASTM D 2240/ASTM D 573
	@Treatment Temp. 150 °C, Time 605000 sec	@Treatment Temp. 302 °F, Time 168 hour	
Tensile Strength, Ultimate	4.90 MPa	711 psi	500 mm/min; ASTM D 412
	5.49 MPa	797 psi	Heat Aging; ASTM D 412/ASTM D 573
	@Treatment Temp. 150 °C, Time 605000 sec	@Treatment Temp. 302 °F, Time 168 hour	
Elongation at Break	250 %	250 %	500 mm/min; ASTM D 412
	212 %	212 %	Heat Aging; ASTM D 412/ASTM D 573
	@Treatment Temp. 150 °C, Time 605000 sec	@Treatment Temp. 302 °F, Time 168 hour	
100% Modulus	0.00343 GPa	0.498 ksi	500 mm/min; ASTM D 412
Tear Strength	21.6 kN/m	123 pli	500 mm/min; ASTM D 624
Compression Set	32 %	32 %	ASTM B 395
	@Temperature 70.0 °C, Time 79200 sec	@Temperature 158 °F, Time 22.0 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	125 °C	257 °F	Continuous; SAE J 2236
Brittleness Temperature	-60.0 °C	-76.0 °F	ASTM D 746

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China