

## Zylog Neoplast® 155 FT EB Thermoplastic Vulcanizate

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

### Material Notes:

Neoplast 155 FT EB 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-EB-Thermoplastic-Vulcanizate.php](http://www.lookpolymers.com/polymer_Zylog-Neoplast-155-FT-EB-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	57	57	ASTM D 2240
	59	59	Heat Aging; ASTM D 2240/ASTM D 573
	@Time 605000 sec	@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	360 %	360 %	500 mm/min; ASTM D 412
	306 %	306 %	Heat Aging; ASTM D 412/ASTM D 573
	@Treatment Temp. 150 °C, Time 605000 sec	@Treatment Temp. 302 °F, Time 168 hour	
100% Modulus	0.00314 GPa	0.455 ksi	500 mm/min; ASTM D 412
Tear Strength	17.7 kN/m	101 pli	500 mm/min; ASTM D 624
Compression Set	25 %	25 %	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.**

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