

## Zylog Neoplast® 250 FT EB Thermoplastic Vulcanizate

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

### Material Notes:

Neoplast 250 FT EB is a hard, dynamically vulcanized thermoplastic vulcanizate (TPV), based on polyolefin chemistry, and is intended for Injection Molding, Blow 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-250-FT-EB-Thermoplastic-Vulcanizate.php](http://www.lookpolymers.com/polymer_Zylog-Neoplast-250-FT-EB-Thermoplastic-Vulcanizate.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.960 g/cc	0.960 g/cc	ASTM D 792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	50	50	ASTM D 2240
	51	51	Heat Aging; ASTM D 2240/ASTM D573
	@Treatment Temp. 150 °C, Time 605000 sec	@Treatment Temp. 302 °F, Time 168 hour	
Tensile Strength, Ultimate	27.0 MPa	3910 psi	500 mm/min; ASTM D 412
	29.6 MPa	4300 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	650 %	650 %	500 mm/min; ASTM D 412
	520 %	520 %	Heat Aging; ASTM D 412/ASTM D 573
	@Treatment Temp. 150 °C, Time 605000 sec	@Treatment Temp. 302 °F, Time 168 hour	
100% Modulus	0.0147 GPa	2.13 ksi	500 mm/min; ASTM D 412
Tear Strength	73.5 kN/m	420 pli	500 mm/min; ASTM D 624
Compression Set	60 %	60 %	ASTM B 395
		@Temperature 70.0 °C, Time 79200 sec	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	140 °C	284 °F	Continuous; SAE J 2236
Brittleness Temperature			ASTM D 746

Thermal Properties	-28.0 °C Metric	-18.4 °F English	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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