

Neoplast™ 190 HFFR

Thermoplastic Vulcanizate

Zylog Plastalloys Pvt. Ltd.

Message:

Neoplast 190 HFFR is dynamically vulcanized, halogen free flame retardant thermoplastic vulcanizate (TPV) based on "green chemistry", intended for Injection Moulding and Extrusion applications.

Key features

Excellent Ozone resistance, Excellent sub zero impact, RoHS Compliant, halogen free flame retardant

General Information	
Additive	Flame retardancy
Features	Ozone resistance
	Low temperature impact resistance
	Halogen-free
	Flame retardancy
RoHS Compliance	RoHS compliance
Processing Method	Extrusion
	Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.06	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 5 sec, 23°C)	90		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ² (100% Strain)	7.85	MPa	ASTM D412
Tensile Strength ³ (Break)	8.83	MPa	ASTM D412
Tensile Elongation ⁴ (Break)	250	%	ASTM D412
Tear Strength ⁵	44.1	kN/m	ASTM D624
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (150°C, 168 hr)	-10	%	ASTM D573
Change in Ultimate Elongation in Air (150°C, 168 hr)	-20	%	ASTM D573
Change in Durometer Hardness in Air (150°C, 168 hr)	2.0		ASTM D573

NOTE	
1.	23°C
2.	C mold, 500 mm/min
3.	C mold, 500 mm/min
4.	C mold, 500 mm/min
5.	C mold, 500 mm/min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

