



ENFLEX® VO-564-70A

Ravago Manufacturing Turkey - Thermoplastic Vulcanizate

General Information

Product Description

Dioxine free flame retardant EPDM/PP series

General

Material Status	• Commercial: Active
Availability	• Europe
Additive	• Flame Retardant
Features	• Flame Retardant

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.32	g/cm ³	ISO 2781
Water Absorption (Equilibrium, 23°C, 50% RH)	0.080	%	ISO 62
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	2.50	MPa	ISO 37
Tensile Stress (300% Strain)	3.80	MPa	ISO 37
Tensile Stress (Break)	7.00	MPa	ISO 37
Tensile Elongation (Break)	570	%	ISO 37
Tear Strength	33.0	kN/m	ISO 34-1
Compression Set			ASTM D395B
23°C, 22 hr	26	%	
70°C, 22 hr	45	%	
100°C, 22 hr	56	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	70		ISO 868
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-55.0	°C	ISO 974
Maximum Dynamic Service Temperature	135	°C	
Flammability	Nominal Value	Unit	Test Method
Flame Rating ²	V-0		Internal Method

Notes

¹ Typical properties: these are not to be construed as specifications.

² UL94 internally tested