



ENFLEX® VU-424-55A

Ravago Manufacturing Turkey - Thermoplastic Vulcanizate

General Information

Product Description

Economical, vulcanized EPDM/PP series

General

Material Status	• Commercial: Active
Availability	• Europe

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm ³	ISO 2781
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	1.20	MPa	ISO 37
Tensile Stress (300% Strain)	2.30	MPa	ISO 37
Tensile Stress (Break)	5.00	MPa	ISO 37
Tensile Elongation (Break)	600	%	ISO 37
Tear Strength	28.0	kN/m	ISO 34-1
Compression Set			ASTM D395B
23°C, 22 hr	15	%	
70°C, 22 hr	36	%	
100°C, 22 hr	69	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	55		ISO 868
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-55.0	°C	ISO 974
Maximum Dynamic Service Temperature	135	°C	
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (125°C, 336 hr)	1.8	%	ISO 188
Change in Tensile Strain at Break in Air			ISO 188
125°C, 336 hr	610	%	
Change in Shore Hardness in Air			ISO 188
Shore A, 125°C, 336 hr			
	•	-3.0	
	•	-3.0	

Notes

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