



ENFLEX® VU-424-75A

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
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation (Break)	670	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	3.00	MPa	ISO 37
Tensile Stress (300% Strain)	4.30	MPa	ISO 37
Tensile Stress (Break)	9.60	MPa	ISO 37
Tear Strength	48.0	kN/m	ISO 34-1
Compression Set			ASTM D395B
23°C, 22 hr	24	%	
70°C, 22 hr	49	%	
100°C, 22 hr	83	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	75		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)	-6.5	%	ISO 188
Change in Tensile Strain at Break in Air			ISO 188
125°C, 336 hr	540	%	
Change in Shore Hardness in Air			ISO 188
Shore A, 125°C, 336 hr	•	4.0	
	•	5.0	

Notes

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