



ENFLEX® VU-424-80A

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)	3.10	MPa	ISO 37
Tensile Stress (300% Strain)	4.50	MPa	ISO 37
Tensile Stress (Break)	10.0	MPa	ISO 37
Tensile Elongation (Break)	680	%	ISO 37
Tear Strength	53.0	kN/m	ISO 34-1
Compression Set			ASTM D395B
23°C, 22 hr	25	%	
70°C, 22 hr	50	%	
100°C, 22 hr	85	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	80		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)	-7.5	%	ISO 188
Change in Tensile Strain at Break in Air			ISO 188
125°C, 336 hr	550	%	
Change in Shore Hardness in Air			ISO 188
Shore A, 125°C, 336 hr	• 5.0		
	• 4.0		

Notes

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