

ENFLEX VU-424-55A

Polypropylene + EPDM Rubber

Ravago Group

Product Description

Economical, vulcanized EPDM/PP series

General

Material Status	• Commercial: Active
Availability	• Europe

Physical	Nominal Value Unit	Test Method
Density	0.970 g/cm ³	ISO 2781

Elastomers	Nominal Value Unit	Test Method
Tensile Stress		ISO 37
100% Strain	1.20 MPa	
300% Strain	2.30 MPa	
Tensile Stress (Break)	5.00 MPa	ISO 37
Tensile Elongation (Break)	600 %	ISO 37
Tear Strength	28 kN/m	ISO 34-1
Compression Set		ASTM D395B
23°C, 22.0 hr	15 %	
70°C, 22.0 hr	36 %	
100°C, 22.0 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		ISO 188
125°C, 336 hr	1.8 %	
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.