



# ENFLEX® VU-420-55A

## Ravago Manufacturing Turkey - Thermoplastic Vulcanizate

### General Information

#### Product Description

Economical, vulcanized EPDM/PP series

#### General

Material Status • Commercial: Active  
Availability • Europe

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	0.980	g/cm <sup>3</sup>	ISO 2781
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	1.70	MPa	ISO 37
Tensile Stress (300% Strain)	3.10	MPa	ISO 37
Tensile Stress (Break)	4.60	MPa	ISO 37
Tensile Elongation (Break)	500	%	ISO 37
Tear Strength	30.0	kN/m	ISO 34-1
Compression Set			ASTM D395B
23°C, 22 hr	20	%	
70°C, 22 hr	34	%	
100°C, 22 hr	45	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	55		ISO 868
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-60.0	°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)	19	%	ISO 188
Change in Tensile Strain at Break in Air			ISO 188
125°C, 336 hr	16	%	
Change in Shore Hardness in Air			ISO 188
Shore A, 125°C, 336 hr	7.0		

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.