

ENFLEX VU-420-55A

Thermoplastic Vulcanizate

ENPLAST, a Ravago Group Company

Message:

Economical, vulcanized EPDM/PP series

General Information			
Physical	Nominal Value	Unit	Test Method
Density	0.980	g/cm ³	ISO 2781
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	55		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ISO 37
100% strain	1.70	MPa	ISO 37
300% strain	3.10	MPa	ISO 37
Tensile Stress (Break)	4.60	MPa	ISO 37
Tensile Elongation (Break)	500	%	ISO 37
Tear Strength	30	kN/m	ISO 34-1
Compression Set			ASTM D395B
23°C, 22 hr	20	%	ASTM D395B
70°C, 22 hr	34	%	ASTM D395B
100°C, 22 hr	45	%	ASTM D395B
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 (125°C, 336 hr)	16	%	ISO 188
Change in Shore Hardness in Air (Shore A, 125°C, 336 hr)	7.0		ISO 188
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-60.0	°C	ISO 974
Maximum Dynamic Service Temperature	135	°C	

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