



ENFLEX VX-221-80A

ENFLEX-V

Product Description :	This polyolefin based dynamically vulcanized TPE-V compound is specifically designed for adhesion to PA. ENFLEX® series are completely recyclable and can be processed with conventional thermoplastics machinery
Additive Packages :	T / Heat and UV stabilizer /
Key Features :	Good adhesion to PA Excellent ozone, UV and weathering resistance Rubberlike elasticity in a wide temperature range Colorable with proper MB (PE, PP, etc. based)
Process Method :	Injection/multi injection molding
Uses :	Automotive, home appliances, industrial applicatons, soft touch applications

	Value	Unit	Standard
Physical			
Hardness	80	SHORE A	ISO 868 (3 second)
Density	0,98	gr / cm3	ISO 1183 1-A
Mechanical			
100% Modulus	-	Mpa	ISO 37, DIN 53504
300% Modulus	-	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	3,8	Mpa	ISO 37, DIN 53504
Elongation at Break	120	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	22	kN/m	ISO 34-1

Environmental Resistance

Ozone	Excellent
Water	Excellent
Alcohol	Excellent
Olive Oil	Fair
Sulphuric Acid	Good
Detergent	Good





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Drying Condition

Drying Time(hr)	2
Drying Temperature(°C)	80-90

Molding Condition (°C)

1st Zone (hopper)(°C)	220-240
2nd Zone(°C)	225-245
3rd Zone(°C)	230-250
Nozzle(°C)	235-255
Melt Temperature(°C)	240-260
Mold Temperature(°C)	80
Max Allowable Melt Temperature(°C)	

