



**ENFLEX VX-221-80A**

**ENFLEX-V**

<b>Product Description :</b>	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
<b>Additive Packages :</b>	T / Heat and UV stabilizer /
<b>Key Features :</b>	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)
<b>Process Method :</b>	Injection/multi injection molding
<b>Uses :</b>	Automotive, home appliances, industrial applicatons, soft touch applications

	Value	Unit	Standard
<b>Physical</b>			
Hardness	80	SHORE A	ISO 868 (3 second )
Density	0,98	gr / cm3	ISO 1183 1-A
<b>Mechanical</b>			
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



Ravago Petrokimya



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**Drying Condition**

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

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**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)	

