



Preliminary EZPRENE VX-321-93A-T

ENFLEX-V

Product Description :	This polyolefin based non-hygroscopic thermoplastic elastomer (TPE-V) compound is a dynamically vulcanized EPDM/PP blend with improved flow behaviour. EZPRENE® series are completely recyclable and can be processed with conventional thermoplastics machinery.
Additive Packages :	T / Heat and UV stabilizer /
Key Features :	Non-hygroscopic, no pre-drying Excellent ozone, UV and weathering resistance Rubberlike elasticity and low compression set Easy processing, faster cycle time over conventional TPVs Easy colorability with proper MB (PE, PP, etc. Based)
Process Method :	Injection/multi injection molding
Uses :	Automotive, construction, home appliances, wire&cable, industrial applications

	Value	Unit	Standard
Physical			
Hardness	90	SHORE A	ISO 868 (3 second)
Density	0,95	gr / cm3	ISO 1183 1-A
Mechanical			
100% Modulus	5,4	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	6,2	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	7,3	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	504	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	42	N/mm	ISO 34-1 Method B
Environmental Resistance			
	Excellent		
Ozone	Excellent		
Water	Excellent		
Alcohol	Fair		
Olive Oil	Good		
Sulphuric Acid	Good		



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Detergent	Good
Drying Condition	Not required
Drying Time(hr)	Not required
Drying Temperature(°C)	
Molding Condition (°C)	150-160
1st Zone (hopper)(°C)	155-165
2nd Zone(°C)	165-175
3rd Zone(°C)	170-175
Nozzle(°C)	170-180
Melt Temperature(°C)	10-50
Mold Temperature(°C)	220 C
Max Allowable Melt Temperature(°C)	

