



**EZPRENE VX-201-55A**

**EZPRENE**

**Product Description :** This polyolefin based thermoplastic elastomer (TPE-V) compound is a dynamically vulcanized EPDM/PP blend bondable to PA substrate by overmolding. EZPRENE® series are completely recyclable and can be processed with conventional thermoplastics machinery

**Additive Packages :** T / Heat and UV stabilizer  
/

**Key Features :** Adhesion to PA,  
Excellent ozone resistance  
Rubberlike elasticity in a wide temperature range  
Easy colorability with proper MB (PE, PP, etc. based)

**Process Method :** Injection/multi injection molding, extrusion, coextrusion

**Uses :** Automotive, home appliances, industrial applications

	Value	Unit	Standard
<b>Physical</b>			
Hardness	55	SHORE A	ISO 868 (3 second)
Density	0,9	gr / cm3	ISO 1183 1-A
<b>Mechanical</b>			
100% Modulus	1,4	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	2,2	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	3,4	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	470	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	18	N/mm	ISO 34-1 Method B
Adhesion to PA 6	3 (D)	N/mm	VDI 2019
<b>Aging</b>			
Compression Set (72h/23°C)	21	%	ISO 815
Compression Set (22h/70°C)	34	%	ISO 815
Compression Set (22h/100°C)	46	%	ISO 815



Ravago Petrokimya Uretim A.S.



## EZPRENE VX-201-55A

### EZPRENE

---

#### Environmental Resistance

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

---

#### Drying Condition

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

---

#### Molding Condition (°C)

1st Zone (hopper)(°C)	230-240
2nd Zone(°C)	235-245
3rd Zone(°C)	240-250
Nozzle(°C)	245-255
Melt Temperature(°C)	245-265
Mold Temperature(°C)	80
Max Allowable Melt Temperature(°C)	

---

#### Extrusion Condition (°C)

Feed Zone Temperature (°C)	170 - 190
Compression Zone Temperature (°C)	180 - 195
Melting Zone Temperature (°C)	195 - 205
Extruder Head Temperature (°C)	200 - 210
Die Temperature (°C)	200 - 220

