



ENFLEX OD-110-40D

ENFLEX-V

Product Description : This polyolefin based thermoplastic elastomer (SEBS) compound is produced EPDM/PP extrusion grade, completely recyclable and can be processed with conventional thermoplastics machinery.

Additive Packages : C / Heat and UV stabilizer and fast cycle additive /

Key Features : Rubberlike elasticity
Ease of coloring by proper MB (PE,PP,etc. based)
Ease of processing
Recyclability

Process Method : Extrusion,coextrusion,sheet extrusion

Uses : Automotive, construction, home appliances, wire&cable, industrial applications

	Value	Unit	Standard
Physical			
Hardness	40	SHORE D	ISO 868 (3 second)
Density	0,92	gr / cm3	ISO 1183 1-A
Mechanical			
100% Modulus	10	Mpa	ISO 37, DIN 53504
300% Modulus	10,4	Mpa	ISO 37, DIN 53504
Tensile Strength At Break	17	Mpa	ISO 37, DIN 53504,ASTM D412
Elongation at Break	675	%	ISO 37, DIN 53504
Tear Strength (Perpendicular to flow)	130	N/mm	ISO 34-1

Environmental Resistance

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



Ravago Petrokimya Uretim A.S.



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Detergent	Good
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Drying Condition

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

Molding Condition (°C)

1st Zone (hopper)(°C)	170-180
2nd Zone(°C)	180-190
3rd Zone(°C)	190-200
Nozzle(°C)	200-210
Melt Temperature(°C)	210-220
Mold Temperature(°C)	10-50
Max Allowable Melt Temperature(°C)	250 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

Important Notice;

The above results are obtained from the tests conducted in Ravago Petrokimya laboratories on injection molded ISO samples and cannot be used directly to determine end-use or design specification. Datasheet values represent a statistical average of product properties and they may be subject to change as new information becomes available. Customers and other users should make their own independent determination that the product is suitable for the intended use. Ravago Petrokimya accepts no responsibility for results obtained by the application of this information and disclaims all warranties that might arise in connection with this information.