Preliminary RAVATECH RL-249-55A

ENSOFT

Product Description : This polyolefin based thermoplastic elastomer (SEBS) compound is produced with food contact compliant raw materials, specifically designed for adhesion to PBT, PC, ABS, PC/ABS,PET and completely recyclable. ENSOFT® series can be processed with conventional thermoplastics machinery

Additive Packages : D / Heat and UV stabilizer and lubricant
/

Key Features : Adhesion to PBT, PC, ABS, PC/ABS,PET
Good ozone, UV and weathering resistance
Rubberlike elasticity in a wide temperature range
Easy colorability with proper MB (PE, PP, etc. based)

Process Method : Injection/multi injection molding

Uses : Soft touch grips, handles, consumer goods, home&kitchen appliances, automotive

Revision Date : 01.02.2025

Data Sheet

	Value	Unit	Standard
Physical			
Hardness	55	SHORE A	ISO 868 (3 second)
Density	1,08	gr / cm3	ISO 1183 1-A
Mechanical			
100% Modulus	1,71	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	2,61	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	3,6	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	538	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	22	N/mm	ISO 34-1 Method B

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

Ravago Petrokimya Uretim A.S.
Main Office : *Coraklar Mah. 5000 Sokak No:7-17 A.O.S.B. Aliaga-Izmir-Turkey* ***Tel :*** *+90 850 314 70 99*
Plant : *Coraklar Mah. 5000 Sokak No:7-17 A.O.S.B. Aliaga-Izmir-Turkey* ***Fax :*** *+90 262 672 10 51*
Mail / Web : *info@ravagopetrokimya.com.tr* *www.ravagopetrokimya.com.tr*

Preliminary RAVATECH RL-249-55A

ENSOFT

Detergent	Good
Drying Condition	
Drying Time(hr)	2-3
Drying Temperature(°C)	60-80
Molding Condition (°C)	
1st Zone (hopper)(°C)	180-190
2nd Zone(°C)	190-200
3rd Zone(°C)	200-205
Nozzle(°C)	205-210
Melt Temperature(°C)	210-220
Mold Temperature(°C)	10-50
Max Allowable Melt Temperature(°C)	240

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.

Ravago Petrokimya Uretim A.S.

Main Office : *Coraklar Mah. 5000 Sokak No:7-17 A.O.S.B. Aliaga-Izmir-Turkey* ***Tel :*** *+90 850 314 70 99*

Plant : *Coraklar Mah. 5000 Sokak No:7-17 A.O.S.B. Aliaga-Izmir-Turkey* ***Fax :*** *+90 262 672 10 51*

Mail / Web : *info@ravagopetrokimya.com.tr* *www.ravagopetrokimya.com.tr*