



RAVATECH RO24985A

RAVATECH

Product Description : This polar thermoplastic elastomer compound is specifically designed for overmolding with different polar substrates and their blends. RAVATECH® series can be processed with conventional thermoplastics machineries and is fully recyclable.

Additive Packages : T / Heat and UV stabilizer
/

Key Features : Adhesion to various polar substrates and their blends
Rubberlike elasticity in a wide temperature range
Easy colorability with proper MB
Good chemical and oil resistance

Process Method : Injection, multi-injection, co-injection molding

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

	Value	Unit	Standard
Physical			
Hardness	85	SHORE A	ISO 868 (3 second)
Density	1,1	gr / cm3	ISO 1183 1-A
Mechanical			
100% Modulus	3,4	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	5,2	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	16	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	745	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	54,5	N/mm	ISO 34-1 Method B
Adhesion to ABS	4 (B)	N/mm	VDI 2019
Adhesion to PC	6,8 (B)	N/mm	VDI 2019

Drying Condition

Drying Time(hr) 2-3
Drying Temperature(°C) 60-80

Molding Condition (°C)

1st Zone (hopper)(°C) 190 - 200
2nd Zone(°C) 200 - 220



Ravago Petrokimya Uretim A.S.

RAVATECH RO24985A

RAVATECH



3rd Zone(°C)	210 - 230
Nozzle(°C)	210 - 220
Melt Temperature(°C)	210 - 230
Mold Temperature(°C)	30-70
Max Allowable Melt Temperature(°C)	230

