



RAVATECH RO24965A

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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
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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	65	SHORE A	ISO 868 (3 second)
Density	1,10	gr / cm3	ISO 1183 1-A
Mechanical			
100% Modulus	2	Mpa	ISO 37(S1,500 mm/min)
300% Modulus	3,4	Mpa	ISO 37(S1,500 mm/min)
Tensile Strength At Break	8	Mpa	ISO 37(S1,500 mm/min)
Elongation at Break	700	%	ISO 37(S1,500 mm/min)
Tear Strength (Perpendicular to flow)	33	N/mm	ISO 34-1 Method B
Adhesion to ABS	4,5 (B)	N/mm	VDI 2019
Adhesion to PC	5,2 (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) 190 - 210



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3rd Zone(°C)	200 - 220
Nozzle(°C)	210 - 220
Melt Temperature(°C)	200 - 220
Mold Temperature(°C)	30-70
Max Allowable Melt Temperature(°C)	230

