

HIGH PERFORMANCE COMPOUNDS

This category offers a wide array of high-performance Compounds for customers keen to innovate their products, ranging from interior/exterior parts of home appliance and IT devices to energy, medical devices and cutting-edge automotive parts.



CHARACTERISTICS

High mechanical properties

Reduce Price

Recyclable

High surface quality

Tailor-made properties

APPLICATIONS

Stand Base of TV

Side Mirror housing of Automotive

Instrument cluster frame of Automotive

Small home appliance

Door seals (Automotive and home appliance)



Properties	Description	Color	MFI	Tensile Strength	Tensile Strain @ Break	Izod Impact Strength
Test Method	-	visual	(250°C,5kg)	ASTM D 638	ASTM D 638	ASTM D 256
Unit	-	-	ASTM D 1238-10	MPa	%	j/m
Alloy						
AL21016	PC/ABS Alloy	Black	26	56	125	520
AL21002	PC/ABS Alloy	Black	38	52	100	500
AL20212	PC/PET Alloy	Natural	16	48	145	550
TPV Compounds						
Properties	Description	Color	Compression Set (70°C,72hr)	Tensile Strength	Tensile Strain @ Break	Hardness
Test Method	-	Visual	ASTM D395	ISO 37	ISO 37	ASTM D2240
Unit	-	-	%	MPa	%	Shore A
AL81170	TPV	Gray	33	8.5	280	72
AL81185	TPV	Gray	30	8	290	84
TPE Compounds						
Properties	Description	Color	MFI (230°C,2.16kg)	Tensile Strength	Tensile Strain @ Break	Hardness
Test Method	-	Visual	ASTM D 1238-10	ISO 37	ISO 37	ASTM D 2240
Unit	-	-	g/10 min	MPa	%	Shore A
AL21170	TPE-S	Gray	9	6.5	350	72
AL21171	TPE-O	Gray	8	7.2	320	72

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