

Product information			
Manufacturer	ECOYADI-2 SP. Z O.O.		
Part Marking Code	ABS		
Color	Light ivory		
Material Shape	Pellets		
Process	Injection molding Moulding		
FR	HB		
Material Attribute	Wear resistant grade Standard grade		
Features	• High gloss • Balanced stiffness/toughness • High stiffness • Medium Impact • Good mould release		
Application	• Automotive exterior parts • Automotive interior parts • Office accessories • E & E Applications • Toys • Appliance components • Small appliances • Housewares application		
Physical property	Standard	Value	Unit
Melt Index 220°C 10kg	GB/T 3682	23.2	g/10min
Impurities Number	INTERNAL METHOD	3	pcs/10g
Hardness	Standard	Value	Unit
Rockwell Hardness R(Scale)	GB/T 3398	108	
Mechanical behavior	Standard	Value	Unit
Tensile Strength	GB/T 1040	43.3	MPa
Flexural Strength	GB/T 9341	68.8	MPa
Flexural Modulus	GB/T 9341	2264	MPa
Izod Notch Impact	GB/T 1843	21	kJ/m ²
Optical performance	Standard	Value	Unit
Yellow Index	GB/T 39822	21.9	
Whiteness	GB/T 2913	64.7	
Thermal	Standard	Value	Unit
Vicat Softening Temperature	GB/T 1633	96	°C
Flammability	Standard	Value	Unit
Flame Rating	UL94	HB	
Injection molding		Value	Unit
Dry Temperature		80~90	°C
Dry Time		2	hr
Melt Temperature		210~280	°C
Injection Pressure		500~1000	bar
Injection Speed		Moderate-Fast	