

Product information			
Manufacturer	Sinopec Shanghai Gaoqiao Petrochemical Co.,Ltd		
Part Marking Code	ABS		
Color	NC		
Material Shape	Pellets		
Process	Injection molding		
Polymerization method	Mass polymerization		
Material Attribute	High heat resistance grade		
Features	• High impact • Good electrical properties • High heat resistance • Chemical Resistant • Good moldability		
Application	• Automotive applications • E & E Applications • Building materials • Home Appliances Applications • Industrial Applications • Communication Applications • Rubber products • Utensil		
Physical property	Standard	Value	Unit
Melt Index 220°C 10kg	ISO 1133	9.5	g/10min
Mechanical behavior	Standard	Value	Unit
Tensile Strength Yield 50mm/min	ISO 527	31	MPa
Charpy Notch Impact 23°C 1eA	ISO 179	10	kJ/m²
Optical performance	Standard	Value	Unit
Gloss 60°	ASTM D523	15	%
Thermal	Standard	Value	Unit
Vicat Softening Temperature 50°C/hr 50N	ISO 306	97.5	°C

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