Suyuan Polymers
Plastic Raw Materials

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Polypropylene Block Copolymer

PP K8003

Injection Molding Grade

Features High impact resistance.
Applications Automotive applications.

Property	Condition	Method	Value	Unit
Physical Properties				
Melt Mass-Flow Rate	—	GB/T 3682.1-2018	**2.74**	g/10min
Mechanical Properties				
Tensile Stress at Yield	—	GB/T 1040.2-2022	**21.6**	MPa
Flexural Modulus	—	GB/T 9341-2008	**968**	MPa
Thermal Properties				
Heat Deflection Temperature	—	GB/T 1634.2-2019	**81**	°C
Impact Properties				
Notched Charpy Impact Strength	23 °C	GB/T 1043.1-2008	**60**	kJ/m²
Notched Charpy Impact Strength	-20 °C	GB/T 1043.1-2008	**7.2**	kJ/m²
Basic Properties				
Pellet Appearance (Black Pellets)	—	ISH/T 1541.1-2019	**0**	count/kg
Colored and Black-Spotted Pellets	20 s	—	**2**	count/kg
Oversized and Undersized Pellets	—	—	**0.7**	g/kg
Ash Content	—	GB/T 9345.1-2008 Method A	**0.0253**	% (m/m)
Hardness				
Rockwell Hardness	—	GB/T 3398.2-2008	**83.6**	R scale

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Note: Data are for reference only and do not constitute guaranteed specifications. Suitability for the intended application should be verified by testing. Contact us for further technical information.