

Technical Datasheet J-580S

1) Product Description:

J-580S is a nucleated random copolymer for injection molding applications. This grade is designed to be processed in conventional injection moulding equipment and offers excellent transparency and toughness.

2) Applications:

Injection molded articles such as food containers.

3) Typical data:

Property	Test method	Unit	value
Specific Gravity	ASTM D792	g/cm ³	0.900
Melt Mass-Flow Rate (230°C/2.16kg)	ASTM D1238	g/10 min	35
Tensile Strength (Yield)	ASTM D638	MPa	27.5
Tensile Elongation (Break)	ASTM D638	%	>100
Flexural Modulus	ASTM D790	MPa	1130
Notched Izod Impact			
-10°C	ASTM D256	J/m	25
23 °C	ASTM D256	J/m	34
Deflection Temperature Under Load			
0.45 MPa, Unannealed	ASTM D648	°C	95.0
Haze	ASTM D 1003	%	25

* Typical values not to be construed as specifications.