

Star CoPP 20.NB is a high impact copolymer resin with medium melt flow rate and excellent processing attributes.

- Features:**
- Excellent Processability
  - Good Colorability
  - Good Dimensional Stability
  - Good Mold Release
  - Good Thermal Stability
  - High Impact Resistance
  - Impact Copolymer
  - Medium Flow
- Uses:**
- Consumer Applications
  - Household Goods
  - Industrial Applications
- Processing Method:**
- Injection molding

Resin Properties*	Typical Value (SI)	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20 g/10 min	ASTM D 1238
Density	0.900 g/cm <sup>3</sup>	ASTM D 1505
Tensile Strength at Yield	22.5 MPa	ASTM D 638
Tensile Elongation at Yield	4.0 %	ASTM D 638
Flexural Modulus - 1% Secant		
0.051 in/min (1.3 mm/min)	1230 MPa	ASTM D 790A
0.51 in/min (13 mm/min)	1400 MPa	ASTM D 790B
Notched Izod Impact, 73°F (23°C)	No Break	ASTM D 256A
Deflection Temperature Under Load (DTUL) (at 0.45 MPa, Unannealed)	96.7 °C	ASTM D 648

\*Typical properties: these are not to be construed as specifications.

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility.