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TECHNICAL DATA SHEET

AMPRO20-NB

POLYPROPYLENE IMPACT COPOLYMER
INJECTION MOLDING GRADE

PRODUCT DESCRIPTION

AMPRO20-NB is a natural polypropylene impact copolymer injection molding grade with a nominal melt flow rate of 20 g/10 min. It provides excellent room-temperature impact performance, good stiffness, and reliable processing for durable general-purpose molded parts.

TYPICAL APPLICATIONS

- Storage bins and reusable totes
- Utility containers
- Automotive non-appearance parts
- Battery cases and covers
- Appliance components and housings
- Material handling products
- Pails, lids, and protective covers
- Industrial and consumer housewares
- General-purpose high-impact injection molded parts

COLOR AVAILABILITY

Available in Natural.

TYPICAL PROPERTIES

Property	ASTM Method	Typical Value	Units
Melt Flow Rate @ 230°C / 2.16 kg	ASTM D1238	20	g/10 min
Density	ASTM D792	0.90	g/cm ³
Tensile Strength at Yield (50 mm/min)	ASTM D638	3,000	psi
Elongation at Yield (50 mm/min)	ASTM D638	6	%
Flexural Modulus, 1% Secant (1.3 mm/min)	ASTM D790	150,000	psi
Notched Izod Impact @ 73°F (23°C)	ASTM D256	No Break (NB)	—
Heat Deflection Temperature @ 66 psi	ASTM D648	255	°F

PROCESSING RECOMMENDATIONS

Parameter	Recommended Range
Melt Temperature	390–460°F (200–238°C)
Mold Temperature	60–120°F (16–49°C)

PACKAGING

Available in bulk, gaylords, supersacks, and custom packaging configurations.

DISCLAIMER

The values reported herein are typical test results and are intended for reference purposes only; they should not be used as specification limits. It is the user's responsibility to determine the suitability of this product for the intended application. No warranties, express or implied, including merchantability or fitness for a particular purpose, are made regarding the product or its use.