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TECHNICAL DATA SHEET

AMPRO20-I2

REPROCESSED POLYPROPYLENE
COPOLYMER INJECTION GRADE

PRODUCT DESCRIPTION

AMRPO20-I2 is a reprocessed polypropylene injection molding grade offering good flow characteristics, balanced stiffness, and moderate impact performance. This material is designed for general-purpose injection molded applications where cost-effectiveness and consistent processing are important.

TYPICAL APPLICATIONS

- Storage bins and totes
- Utility containers
- Automotive non-appearance parts
- Battery cases and covers
- Appliance components
- Material handling products
- Packaging components
- Housewares
- General-purpose injection molded products

COLOR AVAILABILITY

Available in **Natural** and **Black**.

TYPICAL PROPERTIES

Property	ASTM Method	Typical Value	Specification
Melt Flow Rate (230°C / 2.16 kg)	ASTM D1238	20 g/10 min	16–24 g/10 min
Density	ASTM D792	0.90 g/cm ³	0.89 – 0.92 g/cm ³
Tensile Strength at Yield	ASTM D638	3,700 psi	3,330 psi minimum
Elongation at Yield	ASTM D638	8%	Typical
Flexural Modulus, 1% Secant (1.3 mm/min)	ASTM D790	150,000 psi	135,000 psi minimum
Notched Izod Impact @ 23°C	ASTM D256	2.0 ft-lb/in	1.8 ft-lb/in minimum
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. Because this product is manufactured from recycled feedstocks, normal lot-to-lot variation may occur. Users should determine suitability through their own testing and evaluation.