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TECHNICAL DATA SHEET

AMPRO35-I2

REPROCESSED POLYPROPYLENE
COPOLYMER INJECTION GRADE

PRODUCT DESCRIPTION

AMPRO35-I2 is a high-flow reprocessed polypropylene impact copolymer designed for general-purpose injection molding applications. The material provides good processability, balanced stiffness, and moderate impact performance. Its 35 g/10 min melt flow rate makes it suitable for thin-wall parts, complex molds, and applications requiring fast mold filling and reduced cycle times.

TYPICAL APPLICATIONS

- Thin-wall injection molded parts
- Utility Containers
- Storage bins and organizers
- Automotive non-appearance components
- Appliance components
- Consumer products
- Packaging components
- Housewares
- Material handling products
- General-purpose injection molded parts

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	35 g/10 min	28 - 38 g/10 min
Density	ASTM D792	0.90 g/cm ³	0.89 - 0.92 g/cm ³
Tensile Strength at Yield	ASTM D638	3,500 psi	3,330 psi minimum
Elongation at Yield	ASTM D638	6%	Typical
Flexural Modulus, 1% Secant (1.3 mm/min)	ASTM D790	145,000 psi	130,000 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	217	°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.