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TECHNICAL DATA SHEET

AMPRO-GPPS

GENERAL PURPOSE POLYSTYRENE
WATER CLEAR INJECTION GRADE

PRODUCT DESCRIPTION

AMPRO-GPPS is a general-purpose polystyrene resin designed for injection molding applications requiring excellent clarity, good rigidity, dimensional stability, and consistent processing.

TYPICAL APPLICATIONS

- Clear containers and packaging
- Household products
- Display components
- Consumer goods
- Office accessories
- General-purpose injection-molded parts

APPEARANCE

Water clear pellet

TYPICAL PROPERTIES

Property	ASTM Method	Typical Value	Units
Melt Flow Rate @ 200°C / 5 kg	ASTM D1238	7	g/10 min
Tensile Strength at Yield	ASTM D638	6090	psi
Elongation at Yield (50 mm/min)	ASTM D638	6	%
Flexural Modulus,	ASTM D790	455,000	psi
Notched Izod Impact @ 73°F (23°C)	ASTM D256	0.31	ft - lb/in
Heat Deflection Temperature @ 66 psi	ASTM D648	189	°F

PROCESSING RECOMMENDATIONS

Parameter	Recommended Range
Melt Temperature	200-240°C / 392-464°F
Mold Temperature	30-60°C / 86-140°F

PACKAGING

Available in 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.