

GP-512

Polypropylene (Random Copolymer)



Product Description

GP-512 is a random copolymer polypropylene produced by the Unipol process. It has high melting viscosity, and is designed suitable for pipe forming. GP-512 offers excellent hydrostatic pressure resistance, impact resistance, and long-term heat resistance.

Key Features

- Hydrostatic pressure resistance
- Impact resistance
- Long-term heat stability

Applications

- Pipe (Hot & cool water supply pipe)

Typical Properties

	Item	Measuring Method		Value	Unit
Physical	Melt Flow Index (230°C, 2.16kg)	ASTM	D1238	0.25	g/10min
	Density	ASTM	D1505	0.9	g/cm ³
Mechanical	Tensile Stress (Yield)	ASTM	D638	270	kgf/cm ²
	Tensile Strain (Break)	ASTM	D638	> 500	%
	Flexural Modulus	ASTM	D790	9,000	kgf/cm ²
	Notched Izod Impact Strength (23°C)	ASTM	D256	No Break	kgf·cm/cm
	Heat Deflection Temp. (4.6kgf/cm ²)	ASTM	D648	85	°C

• NOTE : These are not to be construed as specifications

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