

MOPLEN MR230C

Polypropylene

Property	Unit	Test method	Value
MFI (190°C, 5 kg)	g/10 min	R 1133	0.4 - 0.6
MFI (230°C, 2.16 kg)	g/10 min	R 1133	< 0.3
Hardness Rockwell	R scale	R20391	93
Thermal conductivity (23°C)	W/mK	R314	0.17
Specific gravity	----	R118	0.89
Flexural modulus	MPa	R1183	835
Tensile strength at yield	MPa	R 527	28
Elongation at break	%	R 527	>430
Vicat softening point (9.8N)	°C	R 306	135
H.D.T (0.5 MPa)	°C	R75	80
Accelerated aging at 135°C	hours	R457	>9,000

Product Description:

Polypropylene MR230C exhibits excellent heat resistance, and is designed to produce items with superior toughness, even at low temperature.

Application:

Polypropylene MR230C is well suited for production of pressure pipes for industry, heating pipes and under floor hot water heating, domestic service pipes (hot and cold water) and weldable fittings.

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