NAME:MR230C

Product Description:
MR230C is a polypropylene random copolymer grade, designed for hot and cold water supply systems. it is also suitable for industrial water conveyance.
The material has excellent creep properties and process ability by extrusion and by injection moulding.

Typical Data: (Table)

TYPICAL PROPERTIES (a)	METHOD	UNIT	VALUE
Physical properties			
Melt flow rate (190”C, 5 kg)	D1238 L	g/10min	0.4 - 0.6
Melt flow rate (230#C, 2.16 kg)	D1238 L	g/10min	<0.3
Melt flow rate (230°C, 5 kg) Hardness Rockwell v	D1238 L	g/10 min	0.8 -1.3
Linear coefficient of expansion Thermal conductivity (23°C)	D 696	mm/(m°C)	0.11
Specific gravity	D 792	-	0.89
Mechanical properties			
Flexural modulus	D 790	MPa	950
Tensile strength at yield	D 638	MPa	28
Elongation at break	D 638	%	>430
Notched Izod Impact strength at 23°C	D 256	J/m	NB
at 0°C	D 256	J/m	160
at-20"C	D 256	J/m	50
Unmatched Izod imp. strength at 23°C	D 256	J/m	NB
at 0°C	D 256	J/m	NB
Thermal properties			
Vicat softening point (9.8 N)	D 1525	°C	135
H.D.T. (0.45 MPa)	D 648	°C	80
Accelerated oven ageing at 135°C	D 3012	hours	>9,000

Values shown are averages and not to be considered as product specifications. These values may shift slightly as more data is accumulated
ASTM and ISO test methods are the latest under the Society current procedures. All specimens are prepared by injection.