



ZR230C Datasheet

Description:	ZR230C exhibits excellent heat resistance, and is designed to produce items with superior toughness, even at low temperature. Because of its excellent impact strength - down to 0°C, and its improved creep rupture properties under internal pressure stress, ZR230C 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.
Typical Applications:	Extrusion applications of ZR230C include profiles, pipes and tough sheet for industrial applications. This grade is especially suitable for applications requiring high resistance to temperature, pressure and aggressive media.

Properties	Method	Unit	Value	Tolerance
Melt flow rate(230 ° C. 2.16 Kg)	ASTM D 1238	gr/10 min	0.35	±0.5
Melt flow rate (230 ° C. 5.0 Kg)	ASTM D 1238	gr/10 min	1.7	±0.2
Vicat softening point (9.8 N)	ASTM D 1525	*C	135	±5
H.D.T. (0.46 Mpa)	ASTM D 648	*C	75	±8
Flexural modulus	ASTM D 790	MPa	1000	± 120
Tensile strength at yield	ASTM D 638	MPa	28	±4
Elongation at yield	ASTM D 638	%	15	-2
Izod impact strength(notched) at 23° C	ASTM D 256	J/m	No Break	-
Izod impact strength(notched) at -20° C	ASTM D 256	J/m	50	±5
Rockwell hardness (R - Scale]	ASTM D 785	R-B	75	+ 10



Phone Number : +971586875544



Address : UAE - Dubai - Al Barsha 1 - Rasis Business Center