



## PP PIPE

### Parslen ZRCT 230C

Parslen ZRCT 230C is a polypropylene-random-copolymer with an enhanced crystalline structure brought about by a special  $\beta$  nucleation and with an improved temperature resistance. That exhibits excellent heat resistance and superior toughness.

In general Parslen ZRCT 230C is intended to be used in applications for plumbing and heating, such as in-house hot and cold water pipes and fittings, floor and wall heating systems and radiator connections.

#### Processing Method:

Pipe extrusion

Sheet extrusion

Injection molding of fitting

Features:

Higher Pressure resistance at high temperatures Superior toughness

$\beta$ - Nucleated

Typical Applications:

Drinking water pipe

Plumbing: Heating & Cooling

Though sheets

Typical properties	Unit	Value	Tolerance	Method
Melt Flow Rate (230°C, 2.16kg)	g/10min	0.35	± 0.05	ASTM D1238
Flexural Modulus	MPa	900	± 100	ASTM D790
Tensile Strength at Yield	MPa	25	± 3	ASTM D638
Tensile Elongation at Yield	%	15	± 3	ASTM D638
Izod impact strength (notched) at 23°C	J/m	> 700	-	ASTM D256
Rockwell Hardness	R-Scale	80	+ 10	ASTM D785
Vicat softening point	°C	125	± 5	ASTM D1525
H.D.T. (0.45 MPa)	°C	70	± 7	ASTM D648