



EX3 Datasheet

Description:	EX3 is a natural colored high density polyethylene with Butene-1 as comonomer. The product is classified as PE 80 and good stress crack resistance properties (ESCR) combined with good impact strength. Stabilization: Ca-Stearate, Zn-Stearate, Irganox1010, Irgafos168.
Typical Applications:	Pipe Extrusion PE80 Class Pressure pipe, Drinking water and gas pipes, Sewer pipes, and their fittings Discharge pipes, For injection moulded and other fittings

Property	Test method	Unit	value
Melt Flow Rate(MFR) (190°C/5kg) (190°C/21.6kg)	ISO 1133	g/10min	0.45 12
Density	ISO 1183	g/cm ³	0.945
MRS Classification	ISO/TR 9080	MPa	8
Hydrostatic Strength (80°C)	ISO 1167 /DIN 8075	hr	1000
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Tensile Modulus (23°C, v= 1mm/min, Secant)	ISO 527-1,2	MPa	850
Tensile Stress at yield (23°C,v=50mm/min)	ISO 527-1,2	MPa	22
Tensile Stress at yield (23°C,v=50mm/min)	ISO 527-1,2	%	8
Charpy Notch Impact Strength (23°C)	ISO 179	Kj/m ²	12
Hardness Shore D (3 Sec)	ISO 868	--	00
Vicat Softening Temperature	ISO 306	°C	06
Melting Point	ISO 3146	°C	130



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