

Daelim Po1y® TR-480BL

High Density Polyethylene
DAELIM INDUSTRIAL CO., LTD.

Message:
PE/MRS 80 material according to ISO/TR 9080 SEM
WQC approved for tap water as per BS 6920:1990

General Information			
Features	Durable		
	Hexene Comonomer		
	High ESCR (Stress Crack Resist.)		
	Ultra High Impact Resistance		
Uses	Piping		
Agency Ratings	ASTM D 1248, III, Class C, Cat. 5		
Appearance	Black		
Forms	Pellets		
Processing Method	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.953	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	0.65	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F20)	> 2000	hr	ASTM D1693B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	22.6	MPa	ASTM D638
Tensile Elongation (Break)	600	%	ASTM D638
Flexural Modulus	785	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Oxidation Induction Time ² (200°C)	> 60	min	ASTM D3895
Pigment Dispersion	Category 1 or 2		ASTM D5596
Extrusion	Nominal Value	Unit	
Melt Temperature	190 to 220	°C	
NOTE			
1.	50 mm/min		
2.	AI Pan		

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Recommended distributors for this material

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