

Eltex® TUB123N6000

High Density Polyethylene Copolymer

INEOS Olefins & Polymers Europe

Message:

Eltex® TUB123N6000 is a high-density polyethylene copolymer designed for the co-extrusion of an external UV protective layer for pressure pipes.

Characteristics

White high density extrusion compound with excellent UV resistance, lower surface temperature in high solar radiation and high stress cracking resistance.

Applications

Protective external layer for RTP and other pressure pipe.

General Information			
Features	Copolymer		
	Good UV Resistance		
	High ESCR (Stress Crack Resist.)		
Uses	Piping		
Appearance	White		
Physical	Nominal Value	Unit	Test Method
Density	0.980	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	0.33	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	19.0	MPa	ISO 527-2/50
Tensile Strain ¹ (Break, 23°C)	> 350	%	ISO 527-2/50
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	127	°C	ISO 306
Thermal Stability - OIT			ISO 11357-6
210°C ²	> 20	min	
210°C	> 60	min	
NOTE			

1.	After Weathering: Based on VW-Audi Protocol PV 3929 'Kalahari Test', irradiation 290 to 400 nm, 68 W/m ² , 20% RH (no sprinkling). Duration 2,500 h instead of standard 155 h
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