ALCUDIA® HDPE 5606-T

High Density (MMW) Polyethylene

REPSOL

Message:

ALCUDIA® 5606-T natural compound is an hexene copolymer of medium molecular weight apt for the extrusion of corrugated pipes for protection of cables, one or multilayered pipe.
This product is supplied in natural colour but it can be easily coloured with pigments steady at processing temperature, using dry-colouring or masterbatch techniques

General Information			
Features	hexene comonomer Good coloring Compliance of Food Exposure Medium molecular weight		
Uses	Bellows Piping system		
Appearance	Natural color		
Processing Method	Pipeline extrusion molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density (23°C)	0.956	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/2.16 kg	0.60	g/10 min	ISO 1133
190°C/5.0 kg	2.0	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (F50)	15.0	hr	ASTM D1693
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D)	68		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Break)	28.0	MPa	EN 638
Tensile Strain (Break)	700	%	EN 638
Flexural Modulus	1400	MPa	ASTM D790
Thermal	**Nominal Value**	**Unit**	**Test Method**
Brittleness Temperature	< -118	°C	ASTM D746
Vicat Softening Temperature	127	°C	ASTM D1525 [1]
Extrusion	**Nominal Value**	**Unit**	
Cylinder Zone 1 Temp.	190 - 210	°C	
Melt Temperature	200 - 220	°C	
Extrusion instructions			
Crosshead Temperature: 190 to 210°C			

NOTE	
1.	速率 A (50°C/h)

Recommended distributors for this material

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