

SEETEC LLDPE UC404

Linear Low Density Polyethylene

Lotte Chemical Corporation

Message:

Good Silane Crosslinking Processability

General Information			
Features	Crosslinkable		
Uses	Adhesives		
	Compounding		
	Wire & Cable Applications		
Processing Method	Compounding		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.8	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	> 500	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.4	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -70.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	> 1.0E+13	ohms·cm	ASTM D257
Dielectric Strength	> 30	kV/mm	ASTM D149
Dielectric Constant	2.30		ASTM D150
Dissipation Factor	2.0E-4		ASTM D150

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