

FARALLOY® PE-204

High Density (HMW) Polyethylene

O'Neil Color and Compounding

Message:

FARALLOY PE-204 is a talc filled extrusion compound designed to increase the heat deflection properties while maintaining a high impact strength.

General Information			
Filler / Reinforcement	Talc,35% Filler by Weight		
Features	High Impact Resistance		
	High Molecular Weight		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	27.6	MPa	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	86.1	°C	
0.45 MPa, Annealed	107	°C	

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