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PRODUCT DATA SHEET

4PROP 9C19300

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Product Description

4PROP 9C19300 is a MFI 9 Conductive Copolymer Polypropylene

Technical Data

General Property	Test Procedure	Units	Value Dry - (Cond.)
Melt Flow Rate (230°C, 2.16Kg)	ISO 1133	g/10 mins	9
Specific Gravity	ISO 1183	g/cm³	1.00
Water Absorption (24Hrs - 50% RH, 23°C)	ISO 62	%	0.02

Mechanical Property	Test Procedure	Units	Value Dry - (Cond.)
Izod Impact, Notched, +23°C	ISO 180/1A	kJ/m²	45
Tensile Modulus 5mm/min, +23°C	ISO R 527	MPa	1000
Tensile Strain @ Break, 5mm/min, +23°C	ISO R 527	%	10
Tensile Stress @ Break 5mm/min, +23°C	ISO R 527	MPa	20

Thermal Property	Test Procedure	Units	Value Dry - (Cond.)
Continuous Operating Temperature	ISO 2578	°C	90
Deflection Temperature @ 0.45 Mpa	ISO 75	°C	60
Deflection Temperature @ 1.8 Mpa	ISO 75	°C	45
Melt Temperature - 10 K/min	ISO 11357-1/-3	°C	165
Vicat Softening Temperature - 50N	ISO 306	°C	145

Electrical/ Flammability Property	Test Procedure	Units	Value Dry - (Cond.)
Comparative Tracking Index	IEC 60112	V	450
Flammability Rating 0.75mm	UL 94 (Internal)	--	HB
Flammability Rating 1.6mm	UL 94 (Internal)	--	HB
Surface Resistivity	IEC 60093	Ω	<1E+3
Volume Resistivity	IEC 60093	Ω.cm	<1E+3

Certificate No. GB2001368