

Durethan® C 38 FKS 000000

Polyamide 6
LANXESS Corporation

Message:
PA 6-Copolymer, non-reinforced, extrusion, medium viscosity, slip agent, nucleated

General Information				
Additive		Nucleating agent slip agent		
Features		Nucleated smoothness Medium viscosity		
Agency Ratings		EC 1907/2006 (REACH)		
Processing Method		Extrusion		
Physical	Dry	Conditioned	Unit	Test Method
Density (23°C)	1.13	--	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (235°C/2.16 kg)	5.00	--	cm³/10min	ISO 1133
Water Absorption				ISO 62
Saturated, 23°C	10	--	%	ISO 62
Equilibrium, 23°C, 50% RH	3.0	--	%	ISO 62
Thermal	Dry	Conditioned	Unit	Test Method
Melting Temperature ¹	212	--	°C	ISO 11357-3
Electrical	Dry	Conditioned	Unit	Test Method
Surface Resistivity	--	1.0E+11	ohms	IEC 60093
Volume Resistivity (23°C)	--	1.0E+13	ohms·cm	IEC 60093
Dielectric Strength (23°C, 1.00 mm)	--	30	kV/mm	IEC 60243-1
Relative Permittivity (23°C, 1 MHz)	--	3.00		IEC 60250
Additional Information	Dry	Conditioned	Test Method	
ISO Shortname	PA 6/IPDI, ES, 18-030N	--	ISO 1874	
NOTE				

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