

Durethan® C 38 FAM 000000

Polyamide 6

LANXESS Asia/Pacific

Message:

PA 6-Copolymer, non-reinforced, extrusion

General Information				
Agency Ratings		EC 1907/2006 (REACH)		
Processing Method		Extrusion		
Physical	Dry	Conditioned	Unit	Test Method
Density (23°C)	1.13	--	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (235°C/2.16 kg)	5.00	--	cm ³ /10min	ISO 1133
Water Absorption				ISO 62
Saturation, 23°C	10	--	%	
Equilibrium, 23°C, 50% RH	3.0	--	%	
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
Electric 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, 18-020	--		ISO 1874
Injection	Dry	Unit		
Drying Temperature - Dry Air Dryer	80.0		°C	
Drying Time - Dry Air Dryer	2.0 to 6.0		hr	
NOTE				
1.	10°C/min			

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