

Durethan® C38FAM 000000

PA*

Envalior

Film Extrusion, Unreinforced, Extrusion, Food Contact Quality

ISO 1043 PA*

Rheological properties	dry / cond	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	5 / *	cm ³ /10min	ISO 1133
Temperature	235 / *	°C	-
Load	2.16 / *	kg	-

Thermal Properties	dry / cond	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	212 / *	°C	ISO 11357-1/-3

Electrical Properties	dry / cond	Unit	Test Standard
ISO Data			
Relative permittivity, 1MHz	- / 3	-	IEC 62631-2-1
Volume Resistivity	- / 1E11	Ohm*m	IEC 62631-3-1
Surface Resistivity	* / 1E11	Ohm	IEC 62631-3-2
Electric Strength	- / 30	kV/mm	IEC 60243-1

Other Properties	dry / cond	Unit	Test Standard
ISO Data			
Water Absorption	10 / *	%	Sim. to ISO 62
Humidity absorption	3 / *	%	Sim. to ISO 62
Density	1130 / -	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	2 - 6	h	-

Characteristics

Processing

Film Extrusion, Other Extrusion

Certifications

Food approval

Delivery form

Pellets

Injection Molding

PREPROCESSING

Drying temperature dry air dryer: 80 °C

Drying time dry air dryer 2 - 6 h

PROCESSING