

Durethan® C38FKAM 000000
PA*

Envalior

Film Extrusion, Unreinforced, Extrusion, Food Contact Quality, Medium Viscosity, Nucleated

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

Material Specific Properties	dry / cond	Unit	Test Standard
ISO Data			
Viscosity number	190 / *	cm ³ /g	ISO 307, 1157, 1628

Characteristics
Processing

Film Extrusion, Other Extrusion

Features

Nucleated

Delivery form

Pellets

Certifications

Food approval

Disclaimer
Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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- risk class III applications according to EU directive 93/42/EEC
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- any critical component in any medical device that supports or sustains human life.

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