Property Data

Envalior
Imagine the Future

Durethan® C38F

PA*

Unreinforced, Film Extrusion, Extrusion, Food Contact Quality, Transparent, Medium Viscosity, no additives

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
THERMAL PROPERTIES	DRY / COND		
Melting temperature (10°C/min)	212 / *	°C	ISO 11357-1/-3
ELECTRICAL PROPERTIES	DRY / COND		
Relative permittivity (1 MHz)	- / 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		
Water absorption	10 / *	%	Sim. to ISO 62
Humidity absorption	3 / *	%	Sim. to ISO 62
Density	1130 / -	kg/m³	ISO 1183
MATERIAL SPECIFIC PROPERTIES	DRY / COND		
Viscosity number	190 / *	cm³/g	ISO 307, 1157, 1628

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