

alphalon™ 40

Polyamide 6
Grupa Azoty ATT Polymers GmbH

Message:

alphalon™ 40 is a bright polyamide 6 grade of medium viscosity that is mainly suited for the production of films and monofilaments.

General Information			
Features	Food Contact Acceptable		
	Medium Viscosity		
Uses	Film		
	Monofilaments		
Agency Ratings	BfR Food Contact, Unspecified Rating		
	EEC 2002/72/EC		
	FDA 21 CFR 177.1500(b)(6.1)		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm³	ISO 1183
Viscosity Number ¹	215	cm³/g	ISO 307
Relative Viscosity ²	4.0 to 4.1		ISO 307
Extractables	< 0.6	%	Internal Method
Moisture Content	< 0.050	%	Internal Method
Particle Shape	cylindrical		
Particle Size	2.50	mm	
Titanium Dioxide	0.0	%	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	250	°C	ISO 3146
NOTE			
1.	0.5% in 96% H2SO4		
2.	1% in 96% H2SO4		

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