Rilsamid® AMNO MED

PA12 ARKEMA

Rheological properties	dry / cond	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	57 / *	cm³/10min	ISO 1133
Temperature	235 / *	°C	-
Load	2.16 / *	kg	-
Molding shrinkage, parallel	1.1 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	1.2 / *	%	ISO 294-4, 2577

Mechanical Properties	dry / cond	Unit	Test Standard
ISO Data			
Notched Impact Strength (Charpy), +23°C	- / 5	kJ/m²	ISO 179/1eA
Notched Impact Strength (Charpy), -30°C	- / 6	kJ/m²	ISO 179/1eA
Flexural Modulus (23°C)	- / 920	MPa	ISO 178

Thermal Properties	dry / cond	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	180 / *	°C	ISO 11357-1/-3

Other Properties	dry / cond	Unit	Test Standard
ISO Data			
Density	1010 / -	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	210 - 260	°C	-
Mold temperature	20 - 60	°C	-

Characteristics

Processing
Injection Molding

Certifications
Medical, US Pharmacopeia Class VI Approved

Delivery form
Pellets, Natural Color

Applications
Medical

Disclaimer