ECONAMID® FLX 6

Polyamide 6

DOMO Engineering Plastics

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Technical Data

Product Description			
(ECONAMID 6FLX) Polyamide 6, for injection moulding			
General			
Material Status	• Commercial: Active		
Literature [1]	• Brochure - DOMO ENGINEERING PLASTICS: In Chemicals We Trust. (English) • Brochure - PRODUCTS LIST: DOMAMID & ECONAMID (English) • Technical Datasheet (English)		
Search for UL Yellow Card	• DOMO Engineering Plastics		
Availability	• Asia Pacific	• Europe	• North America
Processing Method	• Injection Molding		
Resin ID (ISO 1043)	• PA6		

Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (275°C/0.325 kg)	10	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	2500	MPa	ISO 527-2/1
Tensile Stress (Yield)	60.0	MPa	ISO 527-2/50
Tensile Strain (Break)	25	%	ISO 527-2/50
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength (23°C)	4.5	kJ/m²	ISO 180/1A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Melting Temperature	221	°C	ISO 11357-3
Electrical	**Nominal Value**	**Unit**	**Test Method**
Surface Resistivity	1.0E+13	ohms	IEC 60093
Volume Resistivity	1.0E+15	ohms·cm	IEC 60093

Injection	Nominal Value	Unit
Drying Temperature	75 to 85	°C
Drying Time	2.0 to 4.0	hr
Processing (Melt) Temp	230 to 260	°C
Mold Temperature	60 to 100	°C

Notes

[1] These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

[2] Typical properties: these are not to be construed as specifications.

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