
Technical Data Sheet

Product Description

Famelon PA12 E40

Is a semi-crystalline high-viscosity, unreinforced nylon 12, stabilized against exposure, weathering and heat, with Lubricants, softened. Its balanced properties include excellent flexibility, good resistance to chemicals, UV and heat resistance, good low temperature impact strength and a high surface quality and a very good processability.

Typical Applications

Famelon PA12 E40 is especially suitable for the extrusion of pipes and profiles in the automotive industry and in industrial applications. Examples: fuel, hydraulic and pneumatic lines, protective hoses, etc.

Characteristic	Value	Unit	Test Method
MFR	13	g/10min	ISO 1133 [230°C/2.16kg]
Density	1.02	g/cm ³	ISO 1183
Color	Black or Natural		
Filtration Fineness	50	µm	
Yield Point	*/25	Mpa	ISO 527-2
Yield Strain	*/20	%	ISO 527-2
Train Module	*/360	Mpa	ISO 527-2
Charpy Notched Impact Strength	N/N	kJ/m ²	ISO 179/1eA
Heat Resistance	95/*	°C	ISO 75-2 HDT/B
Melting Temperature	173/*	°C	ISO 11357-1/3
Vicat Softening Temperature	1.4/*	°C	ISO 62

Disclaimer

The data are based upon the average value listed. Technical tolerance deviations are possible. Our recommendations for application based on the present state of our knowledge. We do not accept any liability, in terms of application and processing.



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