

Leona™ FR650

Asahi Kasei Corporation - Polyamide 66/6 Copolymer

General Information

General	
Features	• Flame Retardant
Part Marking Code (ISO11469) (ISO 11469)	• >PA66-FR(30)<

ASTM & ISO Properties ¹

Physical	Dry	Conditioned	Unit	Test Method
Density	1.26	--	g/cm ³	ISO 1183
Water Absorption Saturation, 23°C	--	1.4	%	
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress				ISO 527-2
Yield	50.0	33.0	MPa	
Break	51.0	--	MPa	
Tensile Strain (Break)	1.0	6.0	%	ISO 527-2
Flexural Modulus	4500	2200	MPa	ISO 178
Flexural Stress	84.0	60.0	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	1.0	1.0	kJ/m ²	ISO 179
Thermal	Dry	Conditioned	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	110	--	°C	ISO 75-2/A
Electrical	Dry	Conditioned	Unit	Test Method
Comparative Tracking Index	600	--	V	IEC 60112
Flammability	Dry	Conditioned	Unit	Test Method
Flame Rating (0.75 mm)	V-0	--		UL 94
Glow Wire Flammability Index 3.0 mm	960	--	°C	IEC 60695-2-12

Notes

¹ Typical properties: these are not to be construed as specifications.

