

ULTEM™ JD4901 resin

Polyether Imide

SABIC Innovative Plastics Asia Pacific

Message:

ULTEM™ JD4901 resin is a Polyether Imide (PEI) material. It is available in Asia Pacific. Primary attribute of ULTEM™ JD4901 resin: Flame Rated.

General Information			
UL YellowCard	E45587-236987		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.48	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.20 to 0.30	%	Internal Method
Water Absorption (24 hr)	0.18	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	126	MPa	Internal Method
Tensile Elongation (Break)	3.0	%	Internal Method
Flexural Modulus	6470	MPa	ASTM D790
Flexural Strength	190	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	78	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 3.20 mm)	213	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+16	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.800 mm)	V-0		UL 94

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Recommended distributors for this material

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