

## Addiplast Addilene J 690 RM20F Flame Retardant Polypropylene, 20% Mineral Filled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Flame Retardant , Polypropylene, Mineral Reinforced, Impact Modified

### Material Notes:

Flame retardant, mineral filled, with halogens, impact resistant Information provided by Addiplast.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Addiplast-Addilene-J-690-RM20F-Flame-Retardant-Polypropylene-20-Mineral-Filled.php](http://www.lookpolymers.com/polymer_Addiplast-Addilene-J-690-RM20F-Flame-Retardant-Polypropylene-20-Mineral-Filled.php)

Physical Properties	Metric	English	Comments
Density	1.34 g/cc	0.0484 lb/in <sup>3</sup>	ISO 1183/A
Melt Flow	25 g/10 min	25 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	67	67	Conditioned; ISO 868
Tensile Strength at Break	16.0 MPa	2320 psi	Conditioned; ISO R 527
Elongation at Break	50 %	50 %	Conditioned; ISO R 527
Modulus of Elasticity	2.10 GPa	305 ksi	Conditioned; ISO 178
Izod Impact, Notched (ISO)	10.5 kJ/m <sup>2</sup>	5.00 ft-lb/in <sup>2</sup>	Conditioned; ISO 180/1A
Charpy Impact Unnotched	NB	NB	Conditioned; ISO 179/1eU
Charpy Impact, Notched	1.10 J/cm <sup>2</sup>	5.23 ft-lb/in <sup>2</sup>	Conditioned; ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	165 - 168 °C	329 - 334 °F	ISO 3146/C2
Flammability, UL94	V-0 @Thickness 1.60 mm	V-0 @Thickness 0.0630 in	
Oxygen Index	26 %	26 %	ISO 4589
Glow Wire Test	960 °C	1760 °F	CEI 60695/2/1

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 1.00e+15 ohm-cm	>= 1.00e+15 ohm-cm	Conditioned; CEI 60093
Surface Resistance	>= 1.00e+13 ohm	>= 1.00e+13 ohm	Conditioned; CEI 60093
Dielectric Strength	43.0 kV/mm	1090 kV/in	CEI 60243-1

Electrical Properties

Metric

English

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

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