

# RJM EL701

Polypropylene

RJM International, Inc.

## Message:

RJM EL701 is a Polypropylene product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Additive/Masterbatch.  
Characteristics include:  
Flame Rated  
Carbon Black  
Conductive

General Information			
Additive	Carbon Black		
Features	Electrically Conductive		
Uses	Compounding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	1.2 to 1.5	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	24.5	MPa	ASTM D638
Tensile Elongation (Break)	15	%	ASTM D638
Flexural Modulus	1570	MPa	ASTM D790
Flexural Strength	39.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	39	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	100	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+5 to 1.0E+7	ohms·cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	200 to 230	°C	
Mold Temperature	60.0	°C	

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Recommended distributors for this material

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