

## A. Schulman POLYFORT™ FPP 2121UV-M-31 Black Filled Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% Talc Filler

### Material Notes:

Description Polyfort® FPP 2121UV-M-31 is a 30% black filled polypropylene homopolymer. It is weather and urethane contact resistant and contains a mold release. Information provided by A. Schulman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_A-Schulman-POLYFORT-FPP-2121UV-M-31-Black-Filled-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FPP-2121UV-M-31-Black-Filled-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 - 1.16 g/cc	1.10 - 1.16 g/cc	ASTM D792
Melt Flow	9.0 - 14 g/10 min @Temperature 230 °C	9.0 - 14 g/10 min @Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	>= 88	>= 88	ASTM D785
Tensile Strength, Yield	>= 26.2 MPa	>= 3800 psi	2 in/min; ASTM D638
Elongation at Break	>= 3.0 %	>= 3.0 %	ASTM D638
Flexural Modulus	>= 2.84 GPa	>= 412 ksi	ASTM D790
Izod Impact, Notched	0.149 J/cm	0.280 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	>= 115 °C	>= 239 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	>= 80.0 °C	>= 176 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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