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PPC1CF2F-Black

A 20% calcium filled modified polypropylene compound for extrusion applications.

TYPICAL APPLICATIONS:

Sheet extrusion.

Product Description:

Properties shown below for a 20% calcium filled extrusion grade polypropylene.

Approved To: M-2262-001**YPES-16-119****ASTM D4000****Features and Options:**

- Low melt flow.
- High degree of flexibility.
- Good temperature resistance.
- Good chemical resistance.
- Tested at $23 \pm 2^{\circ}\text{C}$ ($73.4 \pm 3.6^{\circ}\text{F}$) and $50 \pm 5\%$ relative humidity unless otherwise noted.

Physical Properties	Typical Values*	Test Method
Melt Flow	1.8 g/10min	ASTM D1238
Filler Content	20%	ASTM D5630
Specific Gravity	1.04	ASTM D792
Tensile Strength @ Yield (50mm/minute)	19 MPa	ASTM D638
Tensile Elongation @ Break (50mm/minute)	805%	ASTM D638
Tensile Strength @ Ultimate (500mm/minute)	20 MPa	ASTM D412
Tensile Elongation @ Break (500mm/minute)	932%	ASTM D412
Flexural Modulus (1.27mm/minute)	746 MPa	ASTM D790
2% Secant Modulus (5mm/minute)	239 MPa	ASTM D412
Deflection Temperature @ 66 psi	86°C	ASTM D648

NOTE: Custom colors available upon request.

* Values given are typical and should not be interpreted as product specification. To obtain values for specific application purposes, contact your Washington Penn Plastic representative.

The results reported are typical and based on reliable testing procedures. However, due to variable processing methods and conditions, no guarantees or warranties are expressed or implied, including expressions of fitness for purpose or merchantability. No recommendations are made to infringe on patents.