Polyply® Composites

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ISO 2001 Certified

POLYRITE® 100...*General purpose*, pigmentable, low shrink, low profile sheet molding compounds with regular (280-310°F) or fast curing (325-335°F) temperatures and mold cycles (1.5-2.0 minutes and 30-60 seconds, respectively), depending on the part being molded. These sheet molding compounds can be formulated with 20-30% 1-inch chopped glass roving.

POLYRITE® 200...*Flexible*, low profile, low shrink, pigmentable sheet molding compounds with regular (280-310°F) curing temperatures and mold cycles (1.5-2.0 minutes), depending on the part being molded. These sheet molding compounds can be formulated with 20-35% 1-inch chopped glass roving.

POLYRITE® 300...*High strength*, low profile, low shrink, pigmentable sheet molding compounds with regular (280-310°F) or fast curing (325-335°F) temperatures and mold cycles (1.5-2.0 minutes and 30-60 seconds, respectively), depending on the part being molded. These sheet molding compounds can be formulated with 30-40% 1 to 2-inch chopped glass roving.

POLYRITE® 400...*High impact*, low profile, low shrink, pigmentable sheet molding compounds with regular (280-310°F) curing temperatures and mold cycles (1.5-2.0 minutes), depending on the part being molded. These sheet molding compounds can be formulated with 20-30% 1 to 2-inch chopped glass roving.

POLYRITE® 500...*UL-recognized flame-retardant*, low profile, low shrink, pigmentable sheet molding compounds with regular (280-310°F) or fast curing (325-335°F) temperatures and mold cycles (1.5-2.0 minutes and 30-60 seconds, respectively), depending on the part being molded. These sheet molding compounds can be formulated with 20-30% 0.5 to 1-inch chopped glass roving.

POLYRITE® 600...*Track-resistant*, low profile, low shrink, pigmentable, flame-retardant sheet molding compounds with regular (280-310°F) or fast curing (325-335°F) temperatures and mold cycles (1.5-2.0 minutes and 30-60 seconds, respectively), depending on the part being molded. These sheet molding compounds can be formulated with 20-30% 0.5 to 1-inch chopped glass roving.

POLYRITE® 700...*Automotive grade*, low profile, low shrink, black or gray sheet molding compounds with regular (280-310°F) or fast curing (325-335°F) temperatures and mold cycles (1.5-2.0 minutes and 30-60 seconds, respectively), depending on the part being molded. These sheet molding compounds can be formulated with 30% 1 to 2-inch chopped glass roving.

POLYRITE® 800...*Automotive grade, flexible,* low profile, low shrink, black or gray sheet molding compounds with regular (280-310°F) curing temperatures and mold cycles (1.5-2.0 minutes), depending on the part being molded. These sheet molding compounds can be formulated with 30% 1 to 2-inch chopped glass roving.

POLYRITE® 900...*Chemical-resistant*, low profile, low shrink, pigmentable, flame-retardant sheet molding compounds with regular (280-310°F) or fast curing (325-335°F) temperatures and mold cycles (1.5-2.0 minutes and 30-60 seconds, respectively), depending on the part being molded. These sheet molding compounds can be formulated with 20-30% 0.5 to 1 inch chopped glass roving.

POLYRITE® 1000...*Low density*, low profile, low shrink, pigmentable, light-weight sheet molding compounds with regular (280-310°F) curing temperatures and mold cycles (1.5-2.0 minutes), depending on the part being molded. These sheet molding compounds can be formulated with 20-35% 0.5 to 1-inch chopped glass roving.

POLYRITE® 1100...*High temperature-resistant*, low profile, low shrink, pigmentable sheet molding compounds with regular (280-310°F) or fast curing (325-335°F) temperatures and mold cycles (1.5-2.0 minutes and 30-60 seconds, respectively), depending on the part being molded. These sheet molding compounds can be formulated with 20-30% 0.5 to 1-inch chopped glass roving.

POLYRITE® 1200...*Wear-resistant*, low profile, low shrink, pigmentable, flame-retardant, track-resistant sheet molding compounds with regular (280-310°F) curing temperatures and mold cycles (1.5-2.0 minutes), depending on the part being molded. These sheet molding compounds can be formulated with 20-30% 0.5 to 1-inch chopped glass roving.

POLYRITE® 1300...*Conductive grade*, conductive, low profile, low shrink, black sheet molding compounds with regular (280-310°F) curing temperatures and mold cycles (1.5-2.0 minutes), depending on the part being molded. These sheet molding compounds can be formulated with 20-30% 0.5 to 1-inch chopped glass roving.

The information contained herein is correct to the best of our knowledge. Unless otherwise indicated, all properties published in this bulletin are based on tests performed in accordance with standard ASTM test methods. Values shown are for test samples made from production materials. The recommendations, test values, or suggestions contained in this bulletin are made without guarantee or representation as to result. Our responsibility for claims arising from breach of warranty, negligence or otherwise, is limited to the purchase price of the material.

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