

## Eastman D4041-P Polyethylene (discontinued \*\*)

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

### Material Notes:

Low-density polyethylene D4041-P is a recommended for use in the boardstock coating industry for applications such as breadboard, cupstock, and liquid packaging board. This resin has low neck-in and good drawdown characteristics. Coatings produced from it exhibit excellent heat-sealing characteristics. List of Applications: Food-contact applications Photographic paper Information supplied by the manufacturer. Information from manufacturer data sheet. Eastman Chemical Company sold its polyethylene business to Westlake Chemical Corporation in Dec. 2006. This grade no longer appears in the Westlake product line.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Eastman-D4041-P-Polyethylene-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Eastman-D4041-P-Polyethylene-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.921 g/cc	0.0333 lb/in <sup>3</sup>	ASTM D4883
Melt Flow	5.6 g/10 min @Load 2.16 kg, Temperature 190 °C	5.6 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	9.00 MPa	1310 psi	500 mm/min (20 in./min.); ASTM D638, Type IV Specimen
Tensile Strength, Yield	13.1 MPa	1900 psi	500 mm/min (20 in./min.); ASTM D638, Type IV Specimen
Elongation at Break	180 %	180 %	500 mm/min (20 in./min.); ASTM D638, Type IV Specimen
Flexural Modulus	0.255 GPa	37.0 ksi	2% Secant, 12.7 mm/min. (0.5 in./min.); ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	92.0 °C	198 °F	ASTM D1525
Brittleness Temperature	-51.0 °C	-59.8 °F	ASTM D746

Descriptive Properties	Value	Comments
Process	Coating	

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