

E-Polymers EFLEX® S2050 Transparent

Category : Polymer , Thermoplastic , Elastomer, TPE , Styrenic TPE , Polypropylene (PP)

Material Notes:

S-series (SBS, SEBS compound resins): E-FLEX S series resins are based on SBS/SEBS/SEEPS/PP exhibiting excellent high and low temperature resistance and easy processing with conventional thermoplastic equipment. Overmolding grade is based on SEBS/SEEPS/engineering plastics and exhibit excellent adhesion to engineering plastics as PA, PC, ABS, PC/ABS, PBT. It has product lines for general grade, transparent grade, overmolding grade, high temperature grade, medical grade and extrusion grade. Information Provided by E-Polymers Co., Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_E-Polymers-EFLEX-S2050-Transparent.php

| Physical Properties | Metric | English | Comments |
|---------------------|------------|------------|-----------|
| Specific Gravity | 0.890 g/cc | 0.890 g/cc | ASTM D792 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|------------|------------|------------|
| Hardness, Shore A | 50 | 50 | ASTM D2240 |
| Tensile Strength | 10.791 MPa | 1565.1 psi | ASTM D412 |
| Elongation at Break | 820 % | 820 % | ASTM D412 |

| Optical Properties | Metric | English | Comments |
|-----------------------|--------|---------|---------------------------------------|
| Haze | 3.9 % | 3.9 % | ASTM D1003-1004 |
| Transmission, Visible | 90 % | 90 % | transparent; thickness not quantified |

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