

SKYPET BR - Co-polymer PET

Technical Data Sheet Properties

Physical Property	Value	Test Method
Specific Gravity	1.33	ASTM D 792
Mold Shrinkage	0.3 - 0.5 %	ASTM D 955

Mechanical Property	Value	Test Method
Tensile Strength	8700 psi	ASTM D 638
Tensile Elongation at Yield	4.1 %	ASTM D 638
Tensile Elongation at Break	120 %	ASTM D 638
Flexural Modulus	368000 psi	ASTM D 790
Flexural Strength	12000 psi	ASTM D 790
Notched Izod Impact (0.125in)	1.0 ft-lbs/in	ASTM D 256
Rockwell Hardness (R-Scale)	116	ASTM D 785
Transmittance	89 %	ASTM D 1003
Haze	1.0 %	ASTM D1003

Thermal Property	Value	Test Method
HDT (66 psi) Unannealed	156 °F	ASTM D 648

Regulatory Compliance	Value
FDA Compliance	Yes
RoHS Compliance	Yes

The information provided on this datasheet should only be used as a guideline. Actual lot to lot values will vary.

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