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BLACKTHORN, INC.

Clayton, Ohio

Good Through: December 31, 2009

Product Specification Sheet

Products All plastic spacers for rebar, including wheels, chairs, clips and bolsters, manufactured from recycled Polypropylene, e.g. Hostalen GC 72600, Hostalen PPT 1070.

Description Good alternative to steel; provides sturdy support. Plastic used does not react to concrete mixes or steel reinforcement; therefore, it does not promote corrosion and gives product lasting strength and durability.

Physical Properties	Test Method	Hostalen GC 7260	Hostalen PPT 1070
Specific Gravity	ASTM D 792 ISO/DIN 1183	0.957 0.957 g/cm ³	0.957 0.905 g/cm ³
Specific Volume	ASTM D 792 ISP/DIN 1183	28,948 in ³ /lb 1,045 cm ³ /g	30,609 in ³ /lb 1,105 cm ³ /g
Mechanical Properties			
Tensile Yield strength	ASTM D 638 ISO/DIN 527 T1 +2	4060 psi 28 MPa	4640 psi 32 MPa
Tensile Break strength	ASTM D 638 ISO/DIN 527 T1+2	4350 psi 30 MPa	10875 psi 75 MPa
Compressive strength	ASTM D 695	n/a	n/a
Thermal Properties			
Deflection Temperatures @ 264 psi, 1/8" thick	ASTM D 648	248° F	265° F
at 1,8 MPa, 4 mm thick	DIN/ISO 75 T1+2	50° C	55° C
Coefficient of linear thermal expansion, 0-150 F	ASTM D 696	max. 4,7 x 10 ⁻⁵	max. 3,8 x 10 ⁻⁵
23-80 C	DIN 53752	1..2,5 x 10 ⁻⁴	1..2 x 10 ⁻⁴