

PES2016PDX1045 MOLDING COMPOUNDS TYPICAL PROPERTIES

Properties	Test Method	Units	PES 2016PDX1045
Physical			
Specific Gravity	ASTM-D792	----	1.37
Water Absorption (24 hr)	ASTM-D570	%	0.80
Melt Mass Flow Rate (337°C 6.6kg)	ASTM-D1238		2-6
Mechanical			
Tensile Strength	ASTM-D638	psi	12,300
Tensile Elongation	ASTM-D638	%	6.5
Flexural Strength	ASTM-D790	psi	17,400
Flexural Modulus	ASTM-D790	psi	384,000
Izod Impact Strength		ft. lb./in.	
Notched (1/8")			3.8
Ball Indentation Hardness	ISO 2039-1	psi	22,300
Thermal			
Heat Deflection Temp. 264 psi	ASTM-D648	°F	405
Glass Transition Temperature	ISO 11357-2	----	437
Miscellaneous			
Flammability .06 in	UL Subj. 94	----	V-0
Mold Shrinkage (1/8")	ASTM-D955	in./in.	0.9

Suggested processing parameters are available upon request. Seller is not responsible or liable for any loss or damage resulting from product use, and no warranty is stated or implied.

