



14030 Gannet Street, Santa Fe Springs, CA 90670
Phone: (562) 921-0444 Fax: (562) 921-0034

Material Data Sheet

Material: *Carbotex K-30UVR*
Generic: *Polycarbonate*
Manufacturer: *Kotec Corporation*

<i>Property</i>	<i>Data</i>	<i>Units</i>	<i>ASTM</i>
GENERAL			
Ratings	UL V-2		
Features	General Purpose UV Stabilized Mould Release		
Form	Pellets		
Processing Method	Injection		
Uses			
PHYSICAL			
Melt Flow Rate	15 (300°C/1.2kg)	g/10 min	D-256
Specific Gravity	1.2		D-792
MECHANICAL			
Flexural Modulus	3.13	psi x 10 ⁵	D-790
Flexural Strength @ Yield	12.25	psi x 10 ³	D-790
Tensile Strength @Yield	8.7	psi x 10 ³	D-790
Tensile Elongation	120	%	D-638
IMPACT			
Notched Izod Impact 1/8 in.	15	ft-lb/in	D-256
HARDNESS			
Rockwell Hardness	115	R-Scale	D-785
THERMAL			
HDT @264 psi-unannealed	275	°F	D-648
FLAMMABILITY			
Flame Rating - UL	V-2		

THE ABOVE DATA IS TO BE USED SOLELY AS AN APPROXIMATE GUIDELINE AND IS SUBJECT TO CHANGE WITHOUT NOTICE. SOUTHLAND POLYMERS INC. ASSUMES NO LIABILITY FOR THE ACCURACY, COMPLETENESS, OR VAILIDITY OF INFORMATION CONTAINED HEREIN. MATERIAL APPLICATION, PERFORMANCE, AND SUITABILITY MUST BE DETERMINED INDEPENDENTLY BY THE END USER. ALL PRODUCT TRADEMARKS USED ARE PROPERTY OF THEIR RESPECTIVE OWNERS. PLEASE CONTACT YOUR ACCOUNT MANAGER OR SOUTHLAND POLYMERS TECHNICAL SUPPORT FOR ALL QUESTIONS REGARDING OUR PRODUCTS.