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**Material Data Sheet**

**Material:** *Resinext PC25R*  
**Generic:** *Polycarbonate*

<b>Property</b>	<b>Data</b>	<b>Units</b>	<b>ASTM</b>
<b>GENERAL</b>			
Features	General Purpose Mold Release		
Form	Pellets		
Processing Method	Injection		
<b>PHYSICAL</b>			
Melt Flow Rate	25 (300°C/1.2kg)	g/10 min	D-256
Mold Shrinkage, flow, 1/8 in.	0.5-0.7	%	
Specific Gravity	1.2		D-792
<b>MECHANICAL</b>			
Flexural Modulus	330000	psi	D-790
Flexural Strength @ Yield	13400	psi	D-790
Tensile Strength @Yield	9000	psi	D-790
Tensile Elongation @ Yield	6	%	D-638
Tensile Elongation @ Break	120	%	D-638
<b>IMPACT</b>			
Notched Izod Impact 1/8 in.	12	ft-lb/in	D-256
<b>HARDNESS</b>			
Rockwell Hardness	69	M-Scale	D-785
<b>THERMAL</b>			
Vicat Softening Temp	284	°F	ISO 306
HDT @264 psi-unannealed	258	°F	D-648
<b>FLAMMABILITY</b>			
Flame Rating - UL Equiv.	V-2		

Resinext resins are *not* certified for food contact or for medical applications.

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