

# Resinext PC25R

Polycarbonate  
Southland Polymers

Message:

Resinext PC25R is a Polycarbonate (PC) product. It can be processed by injection molding and is available in North America.  
Characteristics include:  
Flame Rated  
Good Mold Release  
Mold Release Agent

General Information			
Additive	Mold Release		
Features	General Purpose		
	Good Mold Release		
Uses	General Purpose		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	25	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	69		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	62.1	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	6.0	%	
Break	120	%	
Flexural Modulus	2280	MPa	ASTM D790
Flexural Strength (Yield)	92.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	640	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	126	°C	ASTM D648
Vicat Softening Temperature	140	°C	ISO 306
Flammability	Nominal Value		Test Method
Flame Rating	V-2		UL 94

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT