

Unichem 93-1074 C-01

Rigid Polyvinyl Chloride

Colorite Polymers

Message:

Unichem 93-1074 C-01 is a rigid, non-toxic vinyl compound developed specifically for the medical and food industries. Outstanding molding performance is obtained by this product's superior heat stability and high flow characteristics. The U.S. Food and Drug Administration sanction all components in Unichem 93-1074 C-01 for food packaging applications under Title 21 of the Code of Federal Regulations. For medical use, complete traceability and lot identification of all components are maintained at Colorite.

General Information			
Features	Food Contact Acceptable		
	High Flow		
	High Heat Resistance		
	Medium Rigidity		
	Non-Toxic		
Uses	Food Packaging		
	Medical/Healthcare Applications		
	Non-specific Food Applications		
Agency Ratings	FDA Food Contact, Unspecified Rating FDA CFR Title 21		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	75		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.9	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	59.4	°C	ASTM D648

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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

