

Polygrade® PET A3 LF CRLA010 PG301

Polyethylene Terephthalate
Petropol Industry and Trade of Polymers LTDA

Message:

Polygrade® PET A3 LF CRLA010 PG301 is a Polyethylene Terephthalate (PET) material. It is available in Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of Polygrade® PET A3 LF CRLA010 PG301 are:

Chemical Resistant
Clarity
Food Contact Acceptable
Good Dimensional Stability
Impact Resistant

Typical application of Polygrade® PET A3 LF CRLA010 PG301: Food Contact Applications

General Information			
Features	Food Contact Acceptable		
	Good Chemical Resistance		
	Good Dimensional Stability		
	High Clarity		
	High Impact Resistance		
Uses	Non-specific Food Applications		
Agency Ratings	FDA Unspecified Rating		
Appearance	Clear/Transparent		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33 to 1.39	g/cm ³	ASTM D792
Viscosity Number (Reduced Viscosity)	80.0 to 85.0	ml/g	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	137	MPa	ASTM D638
Tensile Strength	2.45 to 8.34	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Strength	1.18	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	
Melting Temperature	235 to 240	°C	
Injection	Nominal Value	Unit	
Suggested Max Moisture	3.0E-4	%	
Rear Temperature	260 to 290	°C	
Middle Temperature	260 to 295	°C	
Front Temperature	260 to 295	°C	
Processing (Melt) Temp	> 150	°C	

Mold Temperature	10.0 to 12.0	°C
Injection Rate	Slow-Moderate	

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

