

Polygrade® A3 LF CRLA010 PG301

PET

Grupo Petropol Polímeros

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.005	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Elongation at Break	50	%	ASTM D 638
Flexural Strength	115	MPa	ASTM D 790
Izod Impact notched, 1/8 in	35	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Melting Temperature	237	°C	ASTM D 3418
Other properties			
Density	1360	kg/m ³	ASTM D 792
Intrinsic Viscosity	0.77	dl/g	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4	h	-
Melt temperature	260 - 280	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified, Transparent

Features

High Gloss

Chemical Resistance

General Chemical Resistance

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

North America, Europe, South and Central America