

PrimaFlex® PC 2812-UR

Polycarbonate

Plastic Solutions, Inc.

Message:

Description: PC 2812-UR is an injection grade polycarbonate with mold release and UV stabilizer.

Applications: Automotive lenses / radio lenses / door handles

Features:

Excellent

Good melt flow

General Information			
Additive	Mold Release		
	UV Stabilizer		
Features	Good Flow		
	Good Mold Release		
	Good UV Resistance		
Uses	Automotive Applications		
	Handles		
	Lenses		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	28	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	62.1	MPa	ASTM D638
Tensile Elongation (Break)	> 130	%	ASTM D638
Flexural Modulus	2280	MPa	ASTM D790
Flexural Strength	98.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	640	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	132	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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