

NEXT REGRIND PC/ABS 830-300RG

Polycarbonate + ABS
NEXT Specialty Resins, Inc.

Message:

NEXT REGRIND PC/ABS 830-300RG is a Polycarbonate + ABS (PC+ABS) material. It is available in North America for injection molding.
Important attributes of NEXT REGRIND PC/ABS 830-300RG are:
Eco-Friendly/Green
Good Processability
Heat Resistant
High Viscosity
Impact Resistant
Typical application of NEXT REGRIND PC/ABS 830-300RG: Automotive

General Information			
Recycled Content	Yes		
Features	Good Processability		
	High Heat Resistance		
	High Impact Resistance		
	High Viscosity		
Uses	Automotive Applications		
Appearance	Black		
Forms	Regrind		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	3.0 to 5.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2070	MPa	ASTM D790
Tensile Strength	41.4	MPa	ASTM D638
Tensile Elongation (Break)	100	%	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	610	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	104	°C	ASTM D648

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