

NEXT REPROCESSED PC/ABS 830-300R

Polycarbonate + ABS
NEXT Specialty Resins, Inc.

Message:

NEXT REPROCESSED PC/ABS 830-300R is a Polycarbonate + ABS (PC+ABS) material. It is available in North America.
Important attributes of NEXT REPROCESSED PC/ABS 830-300R are:
Eco-Friendly/Green
Good Processability
Heat Resistant
High Viscosity
Impact Resistant
Typical applications include:
Appliances
Electrical/Electronic Applications

General Information			
Recycled Content	Yes		
Features	Good Processability		
	High Heat Resistance		
	High Impact Resistance		
	High Viscosity		
Uses	Appliances		
	Electrical/Electronic Applications		
Appearance	Black		
Forms	Pellets, Reprocessed		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	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 D638
Tensile Strength	41.4	MPa	ASTM D638
Tensile Elongation (Break)	110	%	ASTM D638
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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