

NEXT REPROCESSED ABS 6500-300R

Acrylonitrile Butadiene Styrene

NEXT Specialty Resins, Inc.

Message:

NEXT REPROCESSED ABS 6500-300R is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in North America for injection molding.

Important attributes of NEXT REPROCESSED ABS 6500-300R are:

Eco-Friendly/Green

Good Processability

High Flow

Impact Resistant

Low Gloss

Typical application of NEXT REPROCESSED ABS 6500-300R: Furniture

General Information			
Recycled Content	Yes		
Features	Good Processability		
	High Flow		
	Low Gloss		
	Medium Impact Resistance		
Uses	Furniture		
Appearance	Black		
Forms	Pellets, Reprocessed		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	10 to 12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1720	MPa	ASTM D638
Tensile Strength	37.9	MPa	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Elongation at Break	2.07	GPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	76.7	°C	ASTM D648

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