# **NEXT REGRIND ABS 6500-300RG**

### Acrylonitrile Butadiene Styrene

NEXT Specialty Resins, Inc.

#### Message:

NEXT REGRIND ABS 6500-300RG is an acrylonitrile butadiene styrene (ABS) material. This product is available in North America and is processed by injection molding.

The main features of NEXT REGRIND ABS 6500-300RG are:

environmental protection/green

Impact resistance

The typical application fields of NEXT REGRIND ABS 6500-300RG are: furniture

General Information			
Recycled Content	Yes		
Features	Impact resistance, good		
Uses	Furniture		
Appearance	Black		
Forms	Re-grinding		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)	3.5	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	1930	MPa	ASTM D638
Tensile Strength	40.0	MPa	ASTM D638
Flexural Modulus	2140	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	73.9	°C	ASTM D648
Additional Information			

Tensile Elongation at Break, ASTM D790: 280000 psi

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#### Recommended distributors for this material

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