

TECHNICAL DATA SHEET

ROCADUR rABS Regrind

Product name: ROCADUR rABS Regrind is a majority mixture of acrylonitrile butadiene styrene, coming from the recycling of home appliances, obtained through advanced cleaning and sorting processes.

Field of use: Products for general use, processed by extrusion or injection.

Technical quality conditions:

PROPERTIES	UM	ADMITTED LIMITS	ANALYSIS METHOD
Appearance	-	Regrind	Visual
Color	L*,a*,b*	Dark or Bright	ASTM E 308
Composition	%	≥ 80% ABS ≤ 20% Other types of polymers (PS/PP/PE)	FTIR
Physical			
Melt flow index (220°C/ 10 kg)	g/10'	20 - 40	ASTM D 1238
Izod impact Strength, Notched (23° C)	kJ/ m ²	6 - 10	ASTM D 256
Bulk density	g/cm ³	0.350 – 0.600	ISO 60
Residual humidity	%	≤ 3	ASTM D6980
Ash content	%	≤ 15	ASTM D 5630
Size	< 22mm	100%	IL-CC-148
	>6,3mm	min 75%	

Packing: In a big bag of raffia.

Storage: The product is stored in covered, ventilated, clean, dry spaces, away from the sun, sources of heat and humidity. The PP containers can be stored in the open air, protected with polyethylene film, if is necessary.

Environmental requirements: The product is the result of recovery process of materials intended to save the resources, minimizing noxious emissions into air, water and soil as well as negative effects on human health. In normal conditions, the processes of injection and/or extrusion does not affect the environment, health and human security.

Technological waste results can be recycled at their turn.

Note:

All the information contained in this technical sheet is based on typical values, intended for reference and comparison purposes. We do not assume any responsibility or liability regarding the use of the product for other types of application compared to those mentioned in this technical sheet. It is the customer's responsibility to check and test the product to ensure compatibility with their application.
 We do not recommend our products for applications that come into direct contact with food, medical applications or toys.