



Kalpena Industries Limited

Technical Data Sheet

AF-(R T)

APPLICATION - AF-RT is developed with ultrafine calcium carbonate to provide better loading and stacking properties to the rotational molded containers.

Kalpenas filler master batches offer the following benefits:-

- Improve the dispersion of polymer and enhance the homogeneity of the masterbatch and polymer .
- Better elongation.
- Improve shining of the product.
- Reduced the cost .
- Improve flexibility .
- Excellent gloss,brightness on finished surface .
- Increase the impact strength.
- Increase intensity of colour.
- Variation of shrinkage can be controlled .

properties	Test methods	unit	value
Density	ASTM-D-792	G/cm ³	1.78
MFI	ASTM-D-1238	G/10 min	4 -5
Moisture content	ASTM-C-25	%	<0.05

APPLICATION :

Roto molded product .

ADDITION LEVEL :

AF(RT) can be added up to 10-12 % (by weight of batch) during processing of polymer at rotational molding .The addition level can be very depending on the application of the final product and its application .

RECOMMEEDATION :-

It is highly recommended pre dried dehumidifier at 80° to withdraw possible moisture absorbed by hygroscopic calcium carbonate .

CARRIER RESIN - Polyethylene

Storage:

The material shall be kept in a cool dry place and protected from direct sunlight.

Delivery: Granule form

Package: 25 kg HDPE woven sacks.



(The information given in the document is believed to be reliable and is given in good faith but without warranty. The user should test the product to assertion the suitability for intended use. The product specification or the whole document is subject to change without any prior notice.)