



Aumento Global FZC

PRODUCT TECHNICAL DATA SHEET	
Product	R400T
Description	rPE - Recycled Polyethylene, translucent as film
Shape	Granules , lense-shaped
Source	Post-consumer film of municipal waste origin

R400T			
Characteristics	Value	Unit	Test standart
Physical properties			
Density	0.935 ± 0.005	g/cm ³	EN ISO 1183
Bulk density	0.545 ± 0.010	g/ml	EN ISO 60
Moisture Content (105° C)	0.080± 0.010	%	Moisture Analyzer
Ash content (800° C)	<3.000	%	TGA
Purity of PE	>98.000	%	EN ISO 11357 (DSC)
Rheological properties			
MFR Melt flow Index (190° C/2,16 kg)	avg. 0.600	g/10min	EN ISO 1133
MFR Melt flow Index (190° C/5 kg)	avg. 2.400	g/10min	EN ISO 1133
Mechanical properties			
Tensile strength	avg. 22	Mpa	EN ISO 527-3
Tensile strain at break (MD)	avg. 220	%	EN ISO 527-3
Other			
Melt temperature	105-124 °C		EN ISO 11357 (DSC)
Filtration	90-110 µm		
Typical application	General Packaging Films, Water Irrigation Pipes		
Additives	no		

Disclaimer:

This product is not intended for use in food, medical and pharmaceutical applications.

The values of the product specifications are based on the standard deviations of the test results and do not release the users of our materials from their own tests and attempts to guarantee the necessary properties of the final product. The present product specifications cannot be interpreted as legally binding confirmation for a single parameter herein or to the suitability for a specific application.

Pre-heating the granules at 70-80° C for 2 hours or the addition of moisture absorber is recommended before processing.

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AUMENTO GLOBAL FZC

C/o NHBS Global DMCC, Unit No. I5-PF-116, Detached, Retail I5
Plot No.: JLT-PH1-RET-I5, Jumeriah Lakes, Towers, Dubai,UAE.