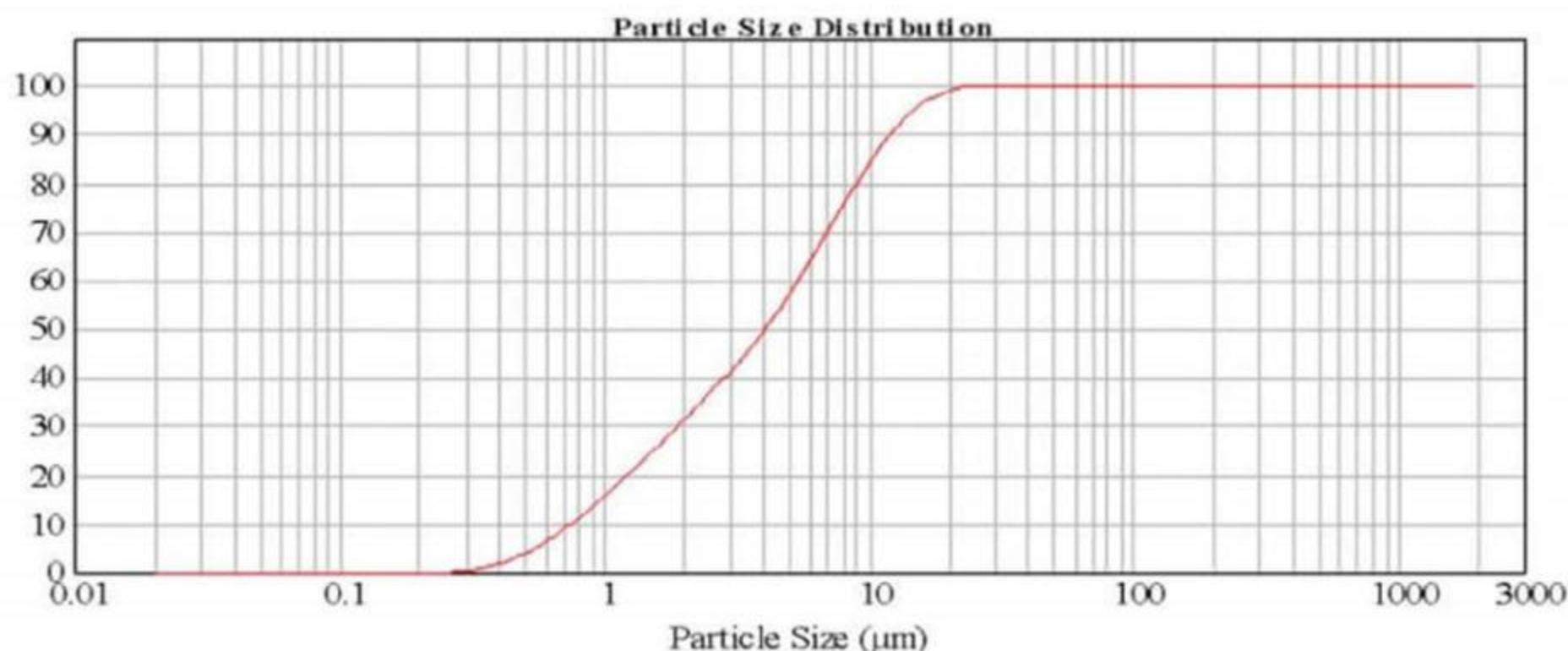


EST - 30

Description & Applications

EST- 30 is a high quality of coated calcium carbonate with good dispersion properties, manufactured, from high purity and white calcium carbonate, which use in PVC PIPE, Masterbatch and lacquer paints.

Chemical Analysis	%	Physical Characteristics	
CaCO ₃	99.5	Brightness	96.00 ±1%
CaO	55.67	Refractive index	1.59%
MgO	0.1	Oil absorption (ISO 787/5)	19.50 ±0.5 g/100g
Fe ₂ O ₃	0.01	DOP absorption (ISO 787/5)	32.50 ±0.5g/100g
Al ₂ O ₃	0.02	pH value (ISO 787/9)	9 Max.
SiO ₂	0.3	Bulk density	0.57 ±0.05g/cm ³
L.O.I	43.64	Hardness in Mohs*	3
Moisture			0.2% Max.
*Measured with Malvern on untreated material			
D97: 17±1 microns		D50: 4.5 – 2.50 microns	30 ±2 % finer than 2 microns
Coating level : 0.75 : 0.85 % kg/ton			
Packing : 25 kg or Jumbo bags			



The data in the Technical Data Sheet represents average values which are valid and reliable but not legally binding. Egypt Stone will not be liable for any use of data, or any damages arising from the use of products for purposes not examined in detail. This Technical Data Sheet renders all previous versions invalid. (January 23)

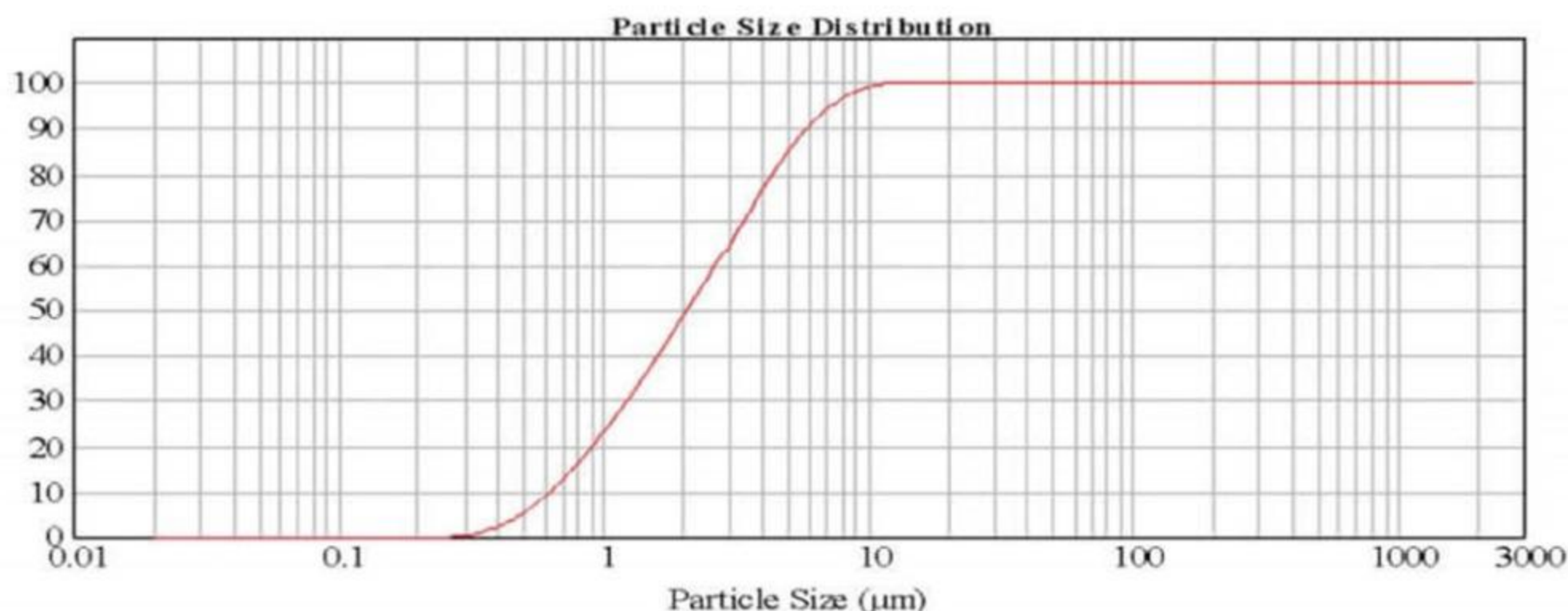
TECHNICAL DATA SHEET

EST - 50

Description & Applications

EST- 50 is a high quality of coated calcium carbonate with good dispersion properties, manufactured, from high purity and white calcium carbonate, which use in PVC PIPE, Masterbatch. Plasticized PVC.

Chemical Analysis	%	Physical Characteristics	
CaCO3	99.5	Brightness	96.00 ±1%
CaO	55.67	Refractive index	1.59%
MgO	0.1	Oil absorption (ISO 787/5)	19.50 ±0.5 g/100g
Fe2O3	0.01	DOP absorption (ISO 787/5)	32.50 ±0.5g/100g
Al2O3	0.02	pH value (ISO 787/9)	9 Max.
SiO2	0.3	Bulk density	0.57 ±0.05g/cm3
L.O.I	43.64	Hardness in Mohs*	3
Moisture			0.2% Max.
*Measured with Malvern on untreated material			
D97: 9±1 microns		D50: 2.50- 2.00 microns	48 ±2 % finer than 2 microns
Coating level : 1.1 : 1.2 % kg/ton			
Packing : 25 kg or Jumbo bags			



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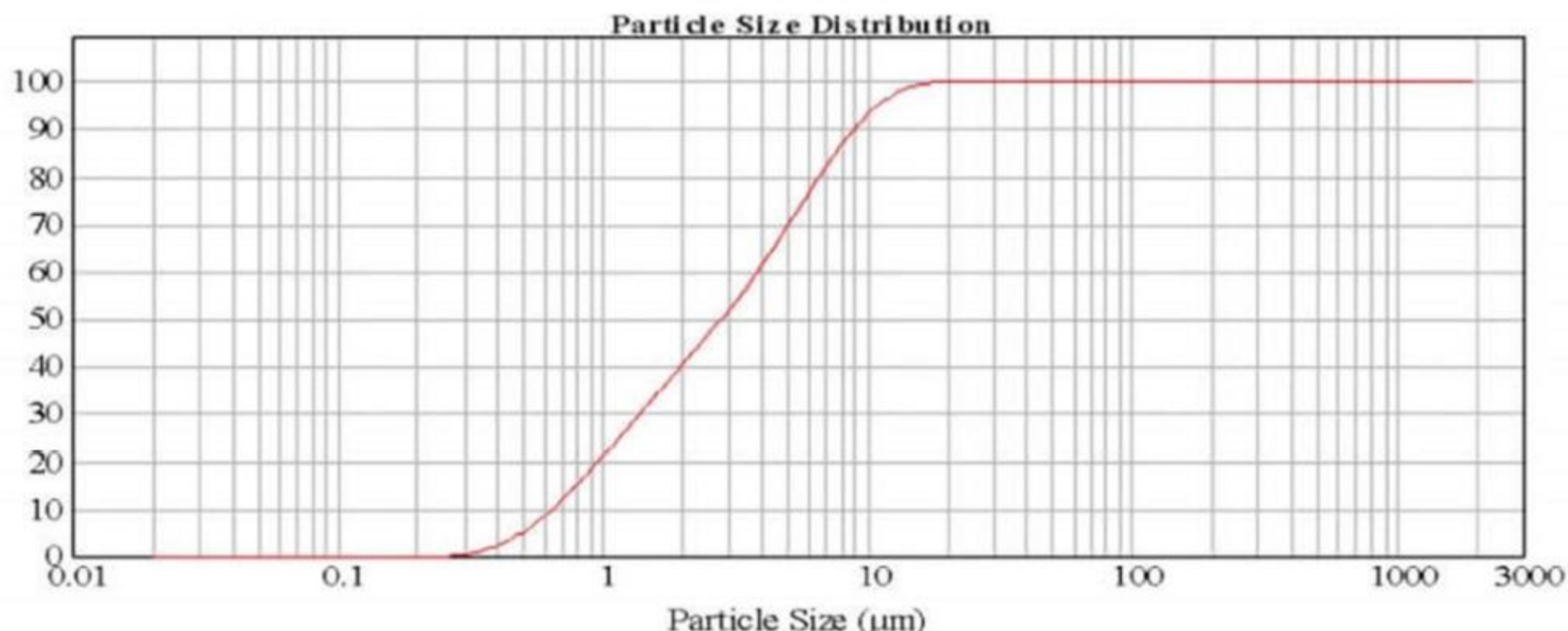
TECHNICAL DATA SHEET

EST - 40

Description & Applications

EST- 40 is a high quality of coated calcium carbonate with good dispersion properties, manufactured, from high purity and white calcium carbonate, which use in PVC PIPE, Masterbatch. Plasticized PVC.

Chemical Analysis	%	Physical Characteristics	
CaCO ₃	99.5	Brightness	96.00 ±1%
CaO	55.67	Refractive index	1.59%
MgO	0.1	Oil absorption (ISO 787/5)	19.50 ±0.5 g/100g
Fe ₂ O ₃	0.01	DOP absorption (ISO 787/5)	32.50 ±0.5g/100g
Al ₂ O ₃	0.02	pH value (ISO 787/9)	9 Max.
SiO ₂	0.3	Bulk density	0.57 ±0.05g/cm ³
L.O.I	43.64	Hardness in Mohs*	3
Moisture			0.2% Max.
*Measured with Malvern on untreated material			
D97: 12±1 microns		D50: 3.00- 2.00 microns	38 ±2 % finer than 2 microns
Coating level : 1.00 : 1.1 % kg/ton			
Packing : 25 kg or Jumbo bags			



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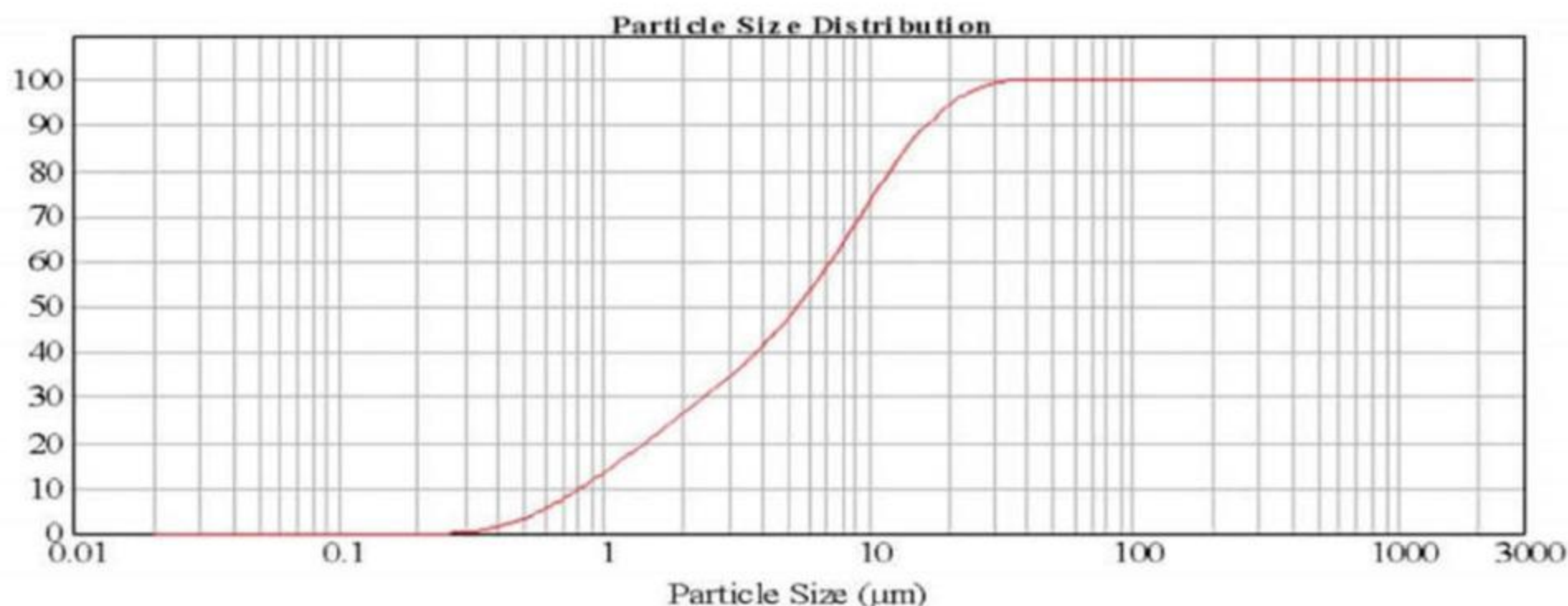
TECHNICAL DATA SHEET

EST - 20

Description & Applications

EST- 20 is a high quality of coated calcium carbonate with good dispersion properties, manufactured, from high purity and white calcium carbonate, which use in PVC PIPE, Masterbatch and lacquer paints.

Chemical Analysis	%	Physical Characteristics	
CaCO ₃	99.5	Brightness	96.00 ±1%
CaO	55.67	Refractive index	1.59%
MgO	0.1	Oil absorption (ISO 787/5)	19.50 ±0.5 g/100g
Fe ₂ O ₃	0.01	DOP absorption (ISO 787/5)	32.50 ±0.5g/100g
Al ₂ O ₃	0.02	pH value (ISO 787/9)	9 Max.
SiO ₂	0.3	Bulk density	0.57 ±0.05g/cm ³
L.O.I	43.64	Hardness in Mohs*	3
Moisture			0.2% Max.
*Measured with Malvern on untreated material			
D97: 24±1 microns		D50: 5.5 - 2 microns	26 ±2 % finer than 2 microns
Coating level : 0.75 : 0.85 % kg/ton			
Packing : 25 kg or Jumbo bags			



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