

Technical Data Sheet
COTENE™ M1208 ES

Polyolefin
 Custom Powders



Product Description

COTENE® M1208 ES is a modified polyolefin resin powder designed for adhesive coating applications with Electrostatic Spray processing. It provides good corrosion protection and, when processed correctly, gives excellent long term metal adhesion. It is available as a free flowing fine powder in a range of standard or custom colours.

General			
Features	<ul style="list-style-type: none"> Abrasion Resistant Chemical Resistant Corrosion Resistant 	<ul style="list-style-type: none"> Electrically Insulating Good Adhesion Heat Stabilized 	<ul style="list-style-type: none"> High Flow UV Resistant
Uses	<ul style="list-style-type: none"> Coating Applications Decorative Railing 	<ul style="list-style-type: none"> Industrial Applications Marine Applications 	<ul style="list-style-type: none"> Piping
Forms	<ul style="list-style-type: none"> Powder 		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.940 g/cm ³	0.940 g/cm ³	ASTM D1505
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	2470 psi	17.0 MPa	ASTM D638
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore D)	52	52	ASTM D2240
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Brittleness Temperature	-103 °F	-75.0 °C	ASTM D746
Vicat Softening Temperature	165 °F	74.0 °C	ISO 306
Peak Melting Temperature	203 °F	95.0 °C	ASTM D3418

Notes

These are typical property values not to be construed as specification limits.