

O-200 PTFE MICROPOWDER



Version No. 1.0 Supersedes: n/a

Issue Date: 2023

TECHNICAL DATA SHEETS – TDS

DESCRIPTION

Odyssey Polymers™ O-200 PTFE Micropowder is an irradiated PTFE fluoroadditive designed to exhibit superior dispersibility and chemical compatibility with surrounding material matrices. This unique additive is engineered to preserve polar end group chemistries for optimal synergy and incorporation. Its comparatively high specific surface area ensures the maximum impact in a spectrum of material matrices at minimal loadings. O-200 undergoes a unique secondary processing step to ensure telomeric and oligomeric molecules are minimized. Its morphology represents a specialized blend of both granular and coagulated dispersion-based PTFE variants. The O-200 additive meets the stringent sustainability requirements set forth in Regulation EC 1907/2006 (REACH).

TYPICAL PROPERTIES*

Property	Unit	Numerical Value	Test Method
Appearance	-	-	Pure White Powder
Average Particle Size	μ	5.0	Laser Diffraction Particle Size
Melt Point Temperature	°C	320	ASTM D5675
Specific Surface Area	m ² /g	10	BET
Bulk Density	g/L	400	ASTM D5675

*Typical properties and not intended for specific purposes

APPLICATIONS

Coatings, polymeric compounds, lubricants

PACKAGING

O-200 is offered in 25 kg puncture-resistant cardboard boxes with pharmaceutical-grade polyliner. There are 12 boxes per pallet.

