Micro Powders

TECHNICAL DATA

PropylTex® HD Series

Medium to fine particle size grades of densified micronized polypropylene for adding consistent surface texture and structure with excellent in-can stability in water based paints and coatings

Features and Benefits

- Provides gloss reduction with improved burnish resistance vs. silica
- Particle density optimized to essentially eliminate flotation or settling in water based systems
- Adds a mild to medium texture to the coating surface
- Tough, high molecular weight polypropylene gives good durability
- Does not lower COF; ideal for anti-skid surfaces
- For a finer texture, try PropylMatte 31HD

Composition

Densified polypropylene

Recommended Addition Levels

2.0-5.0% depending on the level of gloss reduction desired (on total formula weight)

Systems and Applications

Water based and energy curable industrial coatings including metal, plastic, leather and masonry, architectural wall and trim paints; stains, sealers and varnishes; wood coatings; floor coatings.

Typical Properties*

	PropylTex 200HD	PropylTex 230HD	PropylTex 270HD	PropylTex 325HD
Mean Particle Size (µm)	40.0 - 45.0	36.0 - 39.0	15.0 - 18.0	10.5 - 13.0
Maximum Particle Size (µm)	74 (200 mesh)	63 (230 mesh)	53 (270 mesh)	44 (325 mesh)
Melting Point °C	160 - 170	160 - 170	160 - 170	160 - 170
Density @ 25 °C (g/cc)	1.07	1.07	1.07	1.07

Mar-26

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