

MicroTouch 800 Series

Highly resilient spherical polyurethane beads that can modify the tactile properties of formulated coatings and inks while improving burnish, scratch and mar resistance

Features and Benefits

- Virtually indestructible elastic particles that distort when disturbed by a physical force and then return to their original spherical shape when the force is removed
- Provide different tactile effects ranging from satiny smooth to rubbery to leathery in properly formulated coatings
- Different particle sizes available to create a unique surface "touch"
- Improves burnish and abrasion resistance
- Effective gloss reduction

Composition

Aliphatic polyurethane

Recommended Addition Levels

2.0-10.0% (higher amounts when greater tactile effects are desired) (on total formula weight)

Systems and Applications

Water based, solvent based and energy curable coatings and inks. Industrial coatings (including plastic, vinyl and leather); architectural wall and trim paints; wood coatings; printing inks and OPV's (including flexo and gravure); powder coatings; interior and exterior can and container coatings; soft touch coatings; floor coatings; visual effects.

Typical Properties*

	<u>MicroTouch 800F</u>	<u>MicroTouch 800VF</u>	<u>MicroTouch 800XF</u>	<u>MicroTouch 800XXF</u>
Density @ 25 °C (g/cc)	1.05	1.05	1.05	1.05
Maximum Particle Size (µm)	120.00	60.00	31.00	15.00
Mean Particle Size (µm)	22.0 - 30.0	11.0 - 15.0	6.0 - 9.0	3.0 - 5.0