

NANO-FLEX[®] Talc (D)

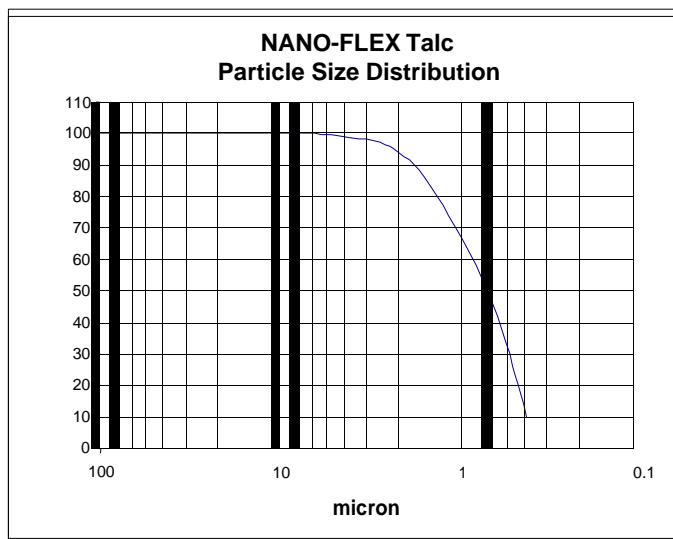
NANO-FLEX[®] Talc is designed for use in high performance TPO applications that require high brightness and an extremely high balance of stiffness and toughness. The newest addition to the FlexTalc[®] product line, NANO-FLEX[®] Talc is made by a proprietary process that results in a very high aspect ratio, excellent dispersion, and unmatched heat aging while offering excellent compounded color. NANO-FLEX[®] Talc is also available in a densified form as NANO-FLEX[®] Talc-D, which can improve handling and initial compounding.

Physical Properties (typical)

| | |
|--|-----|
| Particle Size (microns) | |
| D98 (top size) | 4.0 |
| D50 (median) | 0.7 |
| Specific Gravity | 2.8 |
| Dry Color- *L (CIE) | 96 |
| Wet Color- *L (CIE) | 74 |
| Loose Bulk Density (pounds/ft ³) | 5 |
| NANO-FLEX[®] Talc - D | |
| Loose Bulk Density (pounds/ft ³) | 40 |

Chemical Composition (typical)

| | | |
|-------------------------------------|--------------------------------|-------|
| Silicon Dioxide | SiO ₂ | 60% |
| Magnesium Oxide | MgO | 30% |
| Calcium Oxide | CaO | <1% |
| Aluminum Oxide | Al ₂ O ₃ | <1% |
| Iron As | Fe ₂ O ₃ | <1% |
| Loss on Ignition | L.O.I. | 7.5% |
| Moisture (% weight loss @ 110°C) | H ₂ O | <0.5% |



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