

# Shikhar Microns - Mesh Size Conversion Chart

Mesh Size to Particle Size Conversion Table

Mesh Size	Particle Size (Microns)	Particle Size (mm)	Applications
100	149	0.149	Coarse construction materials
150	105	0.105	Construction materials
200	74	0.074	Construction materials
250	63	0.063	General industrial applications
300	53	0.053	Standard industrial applications
325	44	0.044	Fine industrial applications
400	37	0.037	Standard paints, plastics, rubber
500	25	0.025	Premium paints, fine plastics
600	20	0.020	High-quality coatings
800	15	0.015	Premium coatings, fine papers
1000	10	0.010	Ultra-fine applications
1250	8	0.008	Specialty applications
1500	5	0.005	Ultra-fine specialty applications

## Application Recommendations

### *Paints & Coatings*

- Interior Paints: 400-600 mesh (15-25 microns)
- Exterior Paints: 300-500 mesh (15-30 microns)
- Automotive Coatings: 600-800 mesh (10-20 microns)

### *Plastics & Polymers*

- Injection Molding: 400-600 mesh (15-25 microns)
- Extrusion: 300-500 mesh (15-30 microns)
- Film & Sheet: 600-800 mesh (10-20 microns)

### *Construction Materials*

- Concrete: 100-300 mesh (50-150 microns)
- Mortar: 200-400 mesh (25-75 microns)
- Ceramics: 400-600 mesh (15-25 microns)

## Conversion Formula

Microns = 25,400 ÷ Mesh Size

Example: 400 mesh =  $25,400 \div 400 = 63.5$  microns

## **Contact Information**

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