



PARALOID™ B-48N

Art. 21312

Thermoplastic acrylic resin

- Chemical structure: Methyl methacrylate – butyl acrylate copolymer
- 100% solid resin (granular / pellet form)

Key Properties

- Very high adhesion to untreated and primed metals
- Excellent balance of hardness and flexibility
- High outdoor durability
- Resistance to corrosion and blistering
- Forms a transparent, durable and flexible film

Applications

- Protective coatings for metal surfaces (copper, brass, zinc, etc.)
- Primers and automotive coatings
- Metal protection in conservation/restoration

Physical and Chemical Properties

- Density: ~1.15 g/cm³
- Tg (glass transition temperature): ~50°C
- Molecular weight: ~250,000
- Refractive index: ~1.49–1.50 (may vary by source)

Solubility

Good solubility in:

- Toluene
- Xylene
- MEK (Methyl ethyl ketone)
- Acetone
- Esters and some glycol ethers

Poor / insoluble in:

- Alcohols → generally insoluble
- Aliphatic solvents → insoluble





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Restorasyon ve Koruma Malzemeleri ve Ekipmanları



TEKNİK VERİ SAYFASI

ver.1/1

Form and Supply

- Solid pellets / granules
- Also available as 45% solution (B-48S form)

Key Advantage

- Higher Tg than B-72 → more stable at elevated temperatures
- Superior adhesion on metal surfaces
- Durable and flexible film

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Professional use