ROWE EQUIPMENT, INC.

Your Trusted Source for Plastics Processing Equipment & Supplies

TECHNICAL DATA SHEET

Pelletizer Blades

Premium cutting blades for strand, underwater, and die-face pelletizing systems. Precision-engineered for clean cuts, consistent pellet quality, and extended service life.

SPECIFICATIONS

Specification	Details
Blade Types	Strand, underwater, die face, air-cooled
Thickness Range	0.015" to 0.250"
Hardness	58-65 HRC (varies by material)
Edge Geometry	Single bevel, double bevel, custom angles
Surface Finish	Ground, polished, coated options
Tolerances	±0.0005" on critical dimensions

AVAILABLE OPTIONS

Option	Description
Standard Finish	Ground finish for general applications
Mirror Polish	Reduced polymer adhesion and buildup
TiN Coating	Gold titanium nitride for extended wear life
DLC Coating	Diamond-like carbon for low friction
Cryogenic Treatment	Enhanced hardness and wear resistance

MATERIALS

Material	Properties / Applications
D2 Tool Steel	High wear resistance, general purpose applications (60-62 HRC)
M2 High-Speed Steel	Heat resistance for high-speed cutting (63-65 HRC)

CPM 10V	Superior wear resistance for abrasive polymers (60-62 HRC)
Carbide (Tungsten)	Maximum wear life for highly abrasive materials
Carbide-Tipped	Carbide edge with steel body for cost-effectiveness
Ceramic-Coated	Extended life with reduced friction

OEM COMPATIBILITY

Compatible with equipment from: Gala, Nordson BKG, Beringer, Automatik, Bay Plastics, Coperion, Reduction Engineering, Conair, EREMA, NGR, Starlinger

APPLICATIONS

• Strand pelletizing • Underwater pelletizing • Die-face pelletizing • Hot-face pelletizing • Micropelletizing • Recycling pelletizers

INDUSTRIES SERVED

• Plastics compounding • Resin production • Recycling • Masterbatch • Engineering plastics • Specialty polymers

ADDITIONAL NOTES

Blade regrinding and reconditioning services available. Custom blade designs for non-standard equipment.

Contact Rowe Equipment, Inc.

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