



ORBITALA

who dares wins

PRODUCT: Glycidyl Azide Polymer (GaP)

Molecular formula: C₃H₅N₃O

CAS number: 80044-10-6

Melting point: 1525 °C

CHARACTERISTICS:

Appearance	pale orange solid
Hydroxyl value, mg KOH/g	25.5-31.2
Acidity as potassium hydroxide, mg KOH/g	≤ 0.10
Moisture	≤ 0.10
Nitrogen	≥ 40
Viscosity	800-1200 cp

USES:

Excellent energetic binder or plasticizer in advanced solid propellants or explosives
(due to its high heat of combustion, thermal stability and good compatibility with oxidezers)