

Project Type:	
Contract / Toll Manufacturing Scale Up / Piloting Research & Development	Material Procurement Other :
Are you willing to co-invest ca	bital?
Ves No	
Sector:	
Agrochemical Agrochemical Pharmaceuticals Personal Care Electronics Renewable/Green Raw Materials:	 Performance CASE Industrial Fuel Oil/Lube Additives Other : Polymer and materials
I will source materials	You will source materials Combination sourcing
polyester aromatic solvent	
Professional Certifications:	
ChemStewards® Responsible Care®	ISO 9001 CGMP ISO 14001 Other :
Process/Technology Type:	
Catalyzed depolymerization under dilute	conditions at high pressure



Unit Operations/Equipment:

High pressure reactor, solids handling, filtration, solvent stripping, drying

Specialized equipment needs: Reactor system rated for high pressure

Analytical equipment needs: GPC

Equipment material of construction: Stainless steel

Operating Conditions:

Temperature range: 100 - 230 C

Pressure range: 150 - 180 psia

Viscosity range:

Depolymerization is done under dilution conditions

Processing Volumes:

R&D:				
Pilot: 1000 - 2000 L reactor size	Q3	▼ 2024	-	
Commercial: 10,000 - 20,000 L reactor size	Q4	• 2024	•	
Packaging Type:				
✔ Drum/Tote Supersack ISO/tank truck ✔ Other : Jars, wide-mouth carboys, bags				
Delivery & Transportation:				
✓ Domestic ✓ International ✓ Road Rail	Sea	🖌 Air		
Storage Conditions:				
Ambient Blanketing required Other :				

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1400 CRYSTAL DRIVE, SUITE 630, ARLINGTON, VA 22202 IT: (571) 348-5100 I SOCMA.ORG