

Project Type:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Contract / Toll Manufacturing | <input type="checkbox"/> Material Procurement |
| <input checked="" type="checkbox"/> Scale Up / Piloting | <input type="checkbox"/> Other : |
| <input type="checkbox"/> Research & Development | |

Are you willing to co-invest capital?

- Yes No

Sector:

- | | |
|--|--|
| <input type="checkbox"/> Agrochemical | <input type="checkbox"/> Performance |
| <input type="checkbox"/> Pharmaceuticals | <input type="checkbox"/> CASE |
| <input type="checkbox"/> Personal Care | <input checked="" type="checkbox"/> Industrial |
| <input type="checkbox"/> Electronics | <input type="checkbox"/> Fuel Oil/Lube Additives |
| <input type="checkbox"/> Renewable/Green | <input type="checkbox"/> Other : |

Raw Materials:

- I will source materials You will source materials Combination sourcing

Polyethylene/Polypropylene resin - Supplied
140 solvent

Professional Certifications:

- | | | |
|---|--|----------------------------------|
| <input checked="" type="checkbox"/> ChemStewards® | <input checked="" type="checkbox"/> ISO 9001 | <input type="checkbox"/> cGMP |
| <input type="checkbox"/> Responsible Care® | <input type="checkbox"/> ISO 14001 | <input type="checkbox"/> Other : |

Process/Technology Type:

mixing / solubilizing

Unit Operations/Equipment:

Mixing vessel capable of solubilizing solid resin in solution at elevated temperatures with the ability to control cooling at approximately 1C / minute from 120C to 43C.

Specialized equipment needs:

Analytical equipment needs:

Equipment material of construction: Carbon or Stainless Steel

Operating Conditions:

Temperature range: <120C

Pressure range: N/A

Viscosity range: <15,000 cps.

Once temperature is achieved, there is a requirement for constant agitation, minimizing dead spots within fluid mixture, and controlled cooling down to 43C.

Processing Volumes:

R&D: Quart to Gallon	Q2	▼ 2024	▼
Pilot: 40-50 gallons	Q2	▼ 2024	▼
Commercial: 4 MT/Yr	Q3	▼ 2024	▼

Packaging Type:

Drum/Tote Supersack ISO/tank truck Other :

Delivery & Transportation:

Domestic International Road Rail Sea Air

Storage Conditions:

Ambient Blanketing required Other :

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