

Brand Names:		CHEM MED PP	CHEM MED PE	CHEM MED PS	CHEM MED XX
Property Suggestions	Tailored Property & Polymer Chemistry	Polypropylene (HPP, ICP, RCP)	Polyethylene (UHMWPE, MDPE, LDPE, LLDPE, HDPE)	Polystyrene (HIPS, MIPS, Crystal)	Engineering Resins & Specialty Custom Compounds (ABS, SEBS, COC, COP, EPDM, EVA, EVOH, PBT, PETG, etc)
RHEOLOGY	Melt Flow Optimization/ Flow Property	✓	✓	✓	✓
	Impact Strength Modification	✓	✓	✓	✓
MECHANICAL PROPERTIES	Flex Modulus Optimization	✓	✓	✓	✓
	Tensile Strength Modification	✓	✓	✓	✓
OPTICAL PROPERTIES	Nucleation	✓	•	•	•
	Clarifying Agents	✓	•	•	•
	Slip Agents		•	•	•
INTERNAL & EXTERNAL LUBRICANTS	Antistatic	✓	•	•	•
	Antiblocking	✓	•	•	•
SURFACE ENERGY OPTIMIZATION	Modified Surface Energy	✓	•	•	•
ABRASION PROPERTIES	Scratch Resistance		•	•	•
ANTIMICROBIALS	Antimicrobials	✓	•	•	•
	Enhanced Antioxidants	✓	•	•	•
OXIDATION /ANTI-AGEING/ UV	UV Blocking / Stabilizers	✓	•	•	•
	Cross-linking Agents		•	•	•
	Foaming Agents		•	•	•
HARDNESS - Durometer - Shore A / Shore D	Durometer - Shore A / Shore D		•	✓	•
	Autoclave Resistance	✓	•	•	•
STERILIZATION RESISTANCE	Radiation Resistance	✓	•	•	•
	Ultraclean Catalyst	✓	•	•	•
	Low Leachables/Extractables	✓	•	•	•
CHEMICAL PROPERTIES	Environmental Stress Crack Resistance		✓	•	•
	Chemical Resistance	•			
RADIOPACITY	Radiopaque Fillers	•	•		•
	Oxygen Barrier	•	•		•
BARRIER PROPERTIES - GAS & LIQUID	Moisture Vapor Barrier	•	•		•
	VA Content	•	•		✓
THERMAL PROPERTIES	Heat Deflection Temp		•	✓	
PROCESS TECHNOLOGY					
	Injection Molding	✓	✓	✓	✓
	Film	✓	✓	✓	✓
	Extrusion Blow Molding	✓	✓	✓	
	Calendaring				
	Thermoforming	✓		✓	✓
	Hot Melt				✓

✓ Properties being offered today
• Tailormade Custom Solutions

