



Product Information

PMMA agent, Xanthan-polymethyl methacrylate, Purity $\geq 95\%$

Cat. No.: X25-05-YM2483

Size: 100 mg; 250 mg; 500 mg; 1 g; 5 g

Synonym: Polymethyl methacrylate-xanthan; Xanthan-polymethyl methacrylate

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Xanthan-polymethyl methacrylate (PMMA-xanthan) evaluates the fracture behavior of PMMA-xanthan composites using three-point bending tests with crack imaging.
Glycan Name	Xanthan
Source	Chemical synthesis
Functional Group	PMMA
Form	Solid or powder
Purity	$\geq 95\%$
Impurities	No visible impurities to the naked eye.
Solubility	This product is soluble in most organic solvents, such as DCM, DMF, DMSO, and THF, and exhibits excellent solubility in water.
Identity	Confirmed by NMR.
Stability	It is stable under its storage temperature.
Quality Level	Research level
Applications	Xanthan-polymethyl methacrylate is utilized in composite material synthesis for mechanical property characterization in polymer science.
Storage	Store at -20°C , protect from light and moisture.