


mitsui chemicals, inc.
<http://www.mitsuichem.com>

Shiodome City Center 1-5-2, Higashi-Shimbashi, Minato-ku, Tokyo 105-7117, Japan

MIPELON™ XM-221U Physical Properties

Property	Unit	Testing Method	XM-221U
Molecular Weight	x 10 ⁴	MCI Method	200
Density	kg/m ³	MCI Method	940
Bulk Density	kg/m ³	ASTM D1895	300
Tensile Strength at Break	MPa	ASTM D638	44
Elongation at Break	%	ASTM D638	350
Shore Hardness	D	ASTM D2240	65
Friction Coefficient	-	MCI Method	0.2
Melting Point	°C	ASTM D3418	136
Average Particle Size	μm	Coulter Counter Method	30
Particle Size Distribution	%	Coulter Counter Method	
~ 20μm			20
20μm ~ 30μm			55
30μm ~ 40μm			20
40μm ~			5

March/2018

MITSUI CHEMICALS, INC.,

Performance Polymers div.

TPX·MILLION Dept.