

Marvel™ M40

PE

SCG Chemicals Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	4	g/10min	ASTM D 1238
Temperature	190	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	17	MPa	ASTM D 638
Tensile Strength at Break	25	MPa	ASTM D 638
Elongation at Break	1000	%	ASTM D 638
Flexural Modulus	580	MPa	ASTM D 790
Shore D Hardness	55	-	ASTM D 2240
Thermal properties			
ASTM Data			
Vicat Temperature	110	°C	ASTM D 1525
Other properties			
Density	932	kg/m ³	ASTM D 792

Characteristics**Processing**

Rotational Molding

Delivery form

Granules, Powder, Black

Special Characteristics

U.V. stabilized or stable to weather

Features

Color Stability

Certifications

Food contact, Food approval FDA 21 CFR

Applications

Automotive

Regional Availability

Asia Pacific