

**Marvel™ M50**

PE

SCG Chemicals Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	4	g/10min	ISO 1133

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Yield stress	17	MPa	ISO 527
Stress at break	25	MPa	ISO 527
Strain at break	>50	%	ISO 527
Flexural modulus	640	MPa	ISO 178
Shore D hardness	57	-	ISO 7619-1

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	125	°C	ISO 11357-1/-3

Other properties	Value	Unit	Test Standard
Density	935	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Rotational Molding

**Delivery form**

Granules, Powder, Black

**Special Characteristics**

High impact or impact modified, U.V. stabilized or stable to weather

**Features**

Color Stability, Copolymer

**Chemical Resistance**

Environmental Stress Crack Resistance

**Certifications**

Food contact, Food approval FDA 21 CFR

**Regional Availability**

Asia Pacific