Kunststoffgranulate
· Compoundieren
· Regranulieren
· Lohnverarbeitung

MKV® Kunststoffgranulate

Material Control

Characteristics	Description	Test Specification	Time / working days	Material Requirements
General Material Properties				
Density	Method A	ISO 1183-1	4-6 days	100 g Granulate
Glow-Wire		ISO 1172	4-6 days	100 g Granulate
Melting-Point (DSC)	Single heating 300°C	ISO 3146	4-6 days	5 g Granulate
	Single heating 400°C	ISO 3146	4-6 days	5 g Granulate
	Double heating 300°C	ISO 3146	4-6 days	5 g Granulate
	Double heating 400°C	ISO 3146	4-6 days	5 g Granulate
	Single heating -100°C to 300°C	ISO 3146	4-6 days	5 g Granulate
	Double heating -100°C to 300°C	ISO 3146	4-6 days	5 g Granulate
Moisture	using Aquatrac	72h at 105°C	4-6 days	100 g Granulate

Rheological Properties				
Melt.Flow-Rate	Granulate – MVI, MFI	ISO 1133	4-6 days	100 g Granulate
	Parts – MVI, MFI	ISO 1133	4-6 days	100 g
Capillary Rheometry	Flow Characteristics of molten Plastics	DIN 54811	4-6 days	100 g Granulate

Mechanical Properties				
Impact	Charpy unnotched, 23°C	ISO 179	10-15 days	5x ISO-Test Bars 80x10x4
	Charpy unnotched, 23°C	ISO 179	10-15 days	10x ISO-Test Bars 80x10x4
	Charpy notched, 23°C	ISO 179	10-15 days	10x ISO-Test Bars 80x10x4

MKV GmbH Kunststoffgranulate · Siemensstraße 5 · D-65779 Kelkheim
Telefon 0 61 95 / 99 00 - 0 · Telefax 0 61 95 / 99 00 - 33

E-Mail: kontakt@mkv-kunststoff.com · Homepage: www.mkv.biz
Handelsregister: AG Königstein HRB 3999
Geschäftsführer: Rainer Zies, Renate Zies

Dresdner Bank · BLZ 500 800 00 · Kto.-Nr. 07 898 356 00
IBAN DE07 5008 0000 0789 8356 00 · SWIFT-BIC.: DRES DE FF 535

Volksbank Schupbach eG · BLZ 511 918 00 · Kto.-Nr. 131 903
Postbank Frankfurt · BLZ 500 100 60 · Kto.-Nr. 77209-603
Ust.-Id.-Nr.: DE 81 188 3472

Kunststoffgranulate
· Compoundieren
· Regranulieren
· Lohnverarbeitung

MKV® Kunststoffgranulate

Characteristics	Description	Test Specification	Time / working days	Material Requirements
Tensile Tests	Tensile Strength Elongation at Break Tensile Modulus	ISO 528-2	10-15 days	5x Tensile Bars
Tensile Tests	Tensile Strength Elongation at Break Tensile Modulus	ISO 528-2	10-15 days	10x Tensile Bars

Preparation of the Test Bars				
Tensile Bars		ISO 294		up to 10 specimens
		ISO 294		up to 25 specimens
		ISO 294		up to 50 specimens
		ISO 294		up to 100 specimens
Spiral Flow				up to 10 specimens
				up to 25 specimens
				up to 50 specimens
				up to 100 specimens
Sample Plaques for Colour Determination				up to 5 specimens

M K V G m b H
Kunststoffgranulate

MKV GmbH Kunststoffgranulate · Siemensstraße 5 · D-65779 Kelkheim
Telefon 0 61 95 / 99 00 - 0 · Telefax 0 61 95 / 99 00 - 33

E-Mail: kontakt@mkv-kunststoff.com · Homepage: www.mkv.biz
Handelsregister: AG Königstein HRB 3999
Geschäftsführer: Rainer Zies, Renate Zies

Dresdner Bank · BLZ 500 800 00 · Kto.-Nr. 07 898 356 00
IBAN DE07 5008 0000 0789 8356 00 · SWIFT-BIC.: DRES DE FF 535

Volksbank Schupbach eG · BLZ 511 918 00 · Kto.-Nr. 131 903
Postbank Frankfurt · BLZ 500 100 60 · Kto.-Nr. 77209-603
Ust.-Id.-Nr.: DE 81 188 3472