



P204

Multi-End Roving for SMC

PRODUCT DESCRIPTION

P204 is a multi-end roving, manufactured from a collection of continuous glass strands which are gathered, without mechanical twist, into a single bundle. The roving is then wound and shipped as a tubeless package ready for use at customer operations. P204 roving is manufactured with state-of-the-art equipment, innovative chemistry and with a major commitment to statistical process control. OCV Reinforcements uses a Quality Management System certified to meet ISO 9002 standards.



PRODUCT APPLICATION

P204 is a multi-end E-glass roving designed for the manufacture of Sheet Molding Compound (SMC). P204 sizing is of medium solubility (60%) and contains a Silane coupling agent. Due to its outstanding characteristics, P204 roving is recommended for automotive Class-A; it can also be used for general purpose compounds and “Low Shrink” applications.



FEATURES AND PRODUCT BENEFITS

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| <ul style="list-style-type: none"> • Excellent processability | <ul style="list-style-type: none"> • Easy unwinding and chopping • Flat lay-down & uniform dispersion • No fuzz • No static electricity |
| <ul style="list-style-type: none"> • Easy wet-out and impregnation | |
| <ul style="list-style-type: none"> • Very good properties of moulded parts | <ul style="list-style-type: none"> • Good surface appearance • No coloration • Highly pigment able • Good mechanical properties |

TECHNICAL CHARACTERISTICS (nominal values)

Linear weight of roving (TEX) (g/km)	Loss on Ignition (%)	Moisture (%)
ISO 1889 : 1987	ISO 1887	ISO 3344 : 1977
2400, 4800	1.20	< 0.15

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PRODUCT AVAILABILITY (standard reference)

Identification Number	Bare glass linear density (tex)	Approx. pkg weight (kg)	Available Package
EC 2400 P204 EC 4800 P204	2400 4800	19.0	Bulk Pack, Creel-Pak

Note: E : Type of glass
C : Type of process, continuous
P204 : OCV Reinforcements code for sizing system

PACKAGING AND PALLETIZATION (standard reference)

Pallet Dimensions

Pallet Height, cm (in)	95 (37)
Pallet Length, cm (in)	114 (45)
Pallet Width, cm (in)	114 (45)
Pallet Weight, net, kg (lb)	912 (2011)
Number of layers	3
Package per pallet	48

Package Dimensions

Package Height, cm (in)	26.5(10)
Package Diameter, cm (in)	28(11)
Package Weight, kg (lb)	19 (42)

STORAGE

Unless otherwise specified, it is recommended to store glass fibre products in original packaging in a cool dry area. The best conditions are at temperature between 15°C and 35°C and at a relative humidity between 35% and 85%. If these conditions are respected, glass fibre products should not undergo significant changes when stored for extended periods of time. If storage temperature is less than 15°C it is recommended that rovings be transferred to the workshop at least 24 hours before intended processing, in order to prevent condensation. The packaging system is designed to allow stacking of two pallets. When stacking two high, care should be taken to correctly and smoothly place the top pallet. It is recommended to use plywood plate between the two pallets in order not to damage the lower pallet.



OCV™ Reinforcements

**OWENS CORNING
COMPOSITE MATERIALS, LLC**
ONE OWENS CORNING PARKWAY
TOLEDO, OHIO 43659
1.800.GET.PINK™
www.owenscorning.com
www.ocvreinforcements.com

Contact:
MultiEndRovings.ocvamericas@owenscorning.com

**EUROPEAN OWENS CORNING
FIBERGLAS, SPRL.**
166, CHAUSSÉE DE LA HULPE
B-1170 BRUSSELS
BELGIUM
+32.2.674.82.11

Contact:
MultiEndRovings.ocvemea@owenscorning.com

**OWENS CORNING - OCV ASIA PACIFIC
SHANGHAI REGIONAL HEADQUARTERS**
2F OLIVE LVO. MANSION
620 HUA SHAN ROAD
SHANGHAI 200040
CHINA
+86.21.62489922

Contact:
MultiEndRovings.ocvap@owenscorning.com

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