# Spartech Polycom PP7250

## Polypropylene Copolymer

### Spartech Polycom

#### Message:

Spartech Polycom PP7250 is a polypropylene copolymer (PP Copoly) product, which contains 50% calcium carbonate filler. It can be processed by injection molding and is available in North America. Features include: Copolymer Good processability Good stiffness Impact resistance

Filler / Reinforcement   Calcium carbonate filler, 50% filler by weight     Features   Rigid, good     Copolymer   Impact resistance, good     Workability, good   Workability, good     Forms   Particle     Processing Method   Injection molding     Physical   Nominal Value   Unit     Specific Gravity   1.35   g/cm³   ASTM D925     Molding Shrinkage - Flow (3.18 mm)   0.80   %   ASTM D955     Mechanical   Nominal Value   Unit   Test Method     Tensile Elongation   15.9   MPa   ASTM D638     Yield   5.0   %   ASTM D638     Fracture   60   %   ASTM D638     Flexural Modulus   1340   MPa   ASTM D256     Dart Drop Impact   Vint<	
Copolymer Impact resistance, good Workability, goodFormsParticleProcessing MethodInjection moldingPhysicalNominal ValueUnitSpecific Gravity1.35g/cm³Molding Shrinkage - Flow (3.18 mm)0.80%0.80%ASTM D792MechanicalNominal ValueUnitTensile Strength (Yield)15.9MPaYield5.0%ASTM D638Fracture60%ASTM D638Fracture1340MPaASTM D638Fiexural Modulus1340MPaASTM D792InpactNominal ValueUnitTest MethodKiehd Izod Impact (23°C)110J/mASTM D256	
Impact resistance, good Workability, goodFormsParticleProcessing MethodInjection moldingPhysicalNominal ValuePhysicalI.35Specific Gravity1.35Molding Shrinkage - Flow (3.18 mm)0.80Morinal ValueUnitMechanicalNominal ValueTensile Strength (Yield)15.9Yield5.0Yield5.0Fracture60Fracture1340InpactASTM D638Flexural Modulus1340ImpactNominal ValueInpactNominal ValueInpact10Jinda Calue%ASTM D638Flexural Modulus1340ImpactNominal ValueInpactNominal Value <td></td>	
FormsParticleProcessing MethodInjection moldingPhysicalNominal ValuePhysicalNominal ValueSpecific Gravity1.35Molding Shrinkage - Flow (3.18 mm)0.80Moninal ValueUnitMechanicalNominal ValueInseite Elongation15.9Yield5.0Fracture60Moninal Value%1Fracture1340Inseite Elongation1340Inseite Alondulus1340Manal ValueManal ValueInseite Modulus1340Moninal ValueUnitInseite Alondulus1340Inseite Alondulus110JuntASTM D638Inseite Alondulus110JuntASTM D638Inseite Alondulus110JuntASTM D638Inseite Alondulus110JuntASTM D638Inseite Alondulus110JuntASTM D638Internet Alondulus110JuntASTM D638	
FormsParticleProcessing MethodInjection moldingPhysicalNominal ValueUnitSpecific Gravity1.35g/cm³Molding Shrinkage - Flow (3.18 mm)0.80%Molding Shrinkage - Flow (3.18 mm)0.80%MechanicalNominal ValueUnitTensile Strength (Yield)15.9MPaYield5.0%Yield5.0%Fracture60%Flexural Modulus1340ImpactNominal ValueNotched Izod Impact (23°C)110JrotJ/mASTM D258	
Processing MethodInjection moldingPhysicalNominal ValueUnitTest MethodSpecific Gravity1.35g/cm³ASTM D792Molding Shrinkage - Flow (3.18 mm)0.80%ASTM D955MechanicalNominal ValueUnitTest MethodTensile Strength (Yield)15.9MPaASTM D638Yield5.0%ASTM D638Fracture60%ASTM D638Flexural Modulus1340MPaASTM D638ImpactNominal ValueUnitTest MethodNotched Izod Impact (23°C)110J/mASTM D55	
Processing MethodInjection moldingPhysicalNominal ValueUnitTest MethodSpecific Gravity1.35g/cm³ASTM D792Molding Shrinkage - Flow (3.18 mm)0.80%ASTM D955MechanicalNominal ValueUnitTest MethodTensile Strength (Yield)15.9MPaASTM D638Yield5.0%ASTM D638Fracture60%ASTM D638Flexural Modulus1340MPaASTM D638ImpactNominal ValueUnitTest MethodNotched Izod Impact (23°C)110J/mASTM D55	
PhysicalNominal ValueUnitTest MethodSpecific Gravity1.35g/cm³ASTM D792Molding Shrinkage - Flow (3.18 mm)0.80%ASTM D955MechanicalNominal ValueUnitTest MethodTensile Strength (Yield)15.9MPaASTM D638Tensile Elongation5.0%ASTM D638Yield5.0%ASTM D638Fracture60%ASTM D638Flexural Modulus1340MPaASTM D790ImpactNominal ValueUnitTest MethodNotched Izod Impact (23°C)110J/mASTM D256	
Specific Gravity1.35g/cm³ASTM D792Molding Shrinkage - Flow (3.18 mm)0.80%ASTM D955MechanicalNominal ValueUnitTest MethodTensile Strength (Yield)15.9MPaASTM D638Tensile ElongationS.0%ASTM D638Yield5.0%ASTM D638Fracture60%ASTM D638Flexural Modulus1340MPaASTM D790ImpactNominal ValueUnitTest MethodNotched Izod Impact (23°C)110J/mASTM D256	
Molding Shrinkage - Flow (3.18 mm)0.80%ASTM D955MechanicalNominal ValueUnitTest MethodTensile Strength (Yield)15.9MPaASTM D638Tensile Elongation×ASTM D638Yield5.0%ASTM D638Fracture60%ASTM D638Flexural Modulus1340MPaASTM D790ImpactNominal ValueUnitTest MethodNotched Izod Impact (23°C)110J/mASTM D256	
MechanicalNominal ValueUnitTest MethodTensile Strength (Yield)15.9MPaASTM D638Tensile ElongationKASTM D638Yield5.0%ASTM D638Fracture60%ASTM D638Flexural Modulus1340MPaASTM D790ImpactNominal ValueUnitTest MethodNotched Izod Impact (23°C)110J/mASTM D256	
Tensile Strength (Yield)     15.9     MPa     ASTM D638       Tensile Elongation     ASTM D638     ASTM D638       Yield     5.0     %     ASTM D638       Fracture     60     %     ASTM D638       Flexural Modulus     1340     MPa     ASTM D638       Impact     Nominal Value     Unit     Test Method       Notched Izod Impact (23°C)     110     J/m     ASTM D256	
Tensile ElongationASTM D638Yield5.0%ASTM D638Fracture60%ASTM D638Flexural Modulus1340MPaASTM D790ImpactNominal ValueUnitTest MethodNotched Izod Impact (23°C)110J/mASTM D256	
Yield     5.0     %     ASTM D638       Fracture     60     %     ASTM D638       Flexural Modulus     1340     MPa     ASTM D790       Impact     Nominal Value     Unit     Test Method       Notched Izod Impact (23°C)     110     J/m     ASTM D256	
Fracture60%ASTM D638Flexural Modulus1340MPaASTM D790ImpactNominal ValueUnitTest MethodNotched Izod Impact (23°C)110J/mASTM D256	
Flexural Modulus1340MPaASTM D790ImpactNominal ValueUnitTest MethodNotched Izod Impact (23°C)110J/mASTM D256	
ImpactNominal ValueUnitTest MethodNotched Izod Impact (23°C)110J/mASTM D256	
Notched Izod Impact (23°C) 110 J/m ASTM D256	
Dart Drop Impact ASTM D3029	
-29°C 0.339 J ASTM D3029	
23°C 1.13 J ASTM D3029	
Thermal Nominal Value Unit Test Method	
Deflection Temperature Under Load ASTM D648	
0.45 MPa, annealed 98.9 °C ASTM D648	
1.8 MPa, not annealed 46.1 °C ASTM D648	
Optical Nominal Value Test Method	
Gardner Gloss (60°) 40 ASTM D523	
Additional Information	

#### Flexural Modulus-Tangent, ASTM D790: 240,000 psi.

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

