

**We claim:**

1. A composition comprising:
  - one or more amorphous polyamides, preferably a PA66 polyamide and preferably present in an amount ranging from 3 wt% to 65 wt%;
  - one or more semi-crystalline polyamides, preferably present in an amount ranging from 10 wt% to 70 wt%;
  - wherein the composition exhibits a maximum viscoelastic loss factor ( $\tan(\delta)$ ) at a temperature greater than 40 °C when the composition has a moisture content less than or equal to 0.2 wt%.
2. The composition of claim 1, wherein the difference between the heat distortion temperature and melting temperature of the composition is less than 45 °C.
3. The composition of claim 1, wherein the semi-crystalline polyamide comprises PA66/6C.
4. The composition of claim 1, wherein the maximum  $\tan(\delta)$  has a value ranging from 0.057 to 0.245 when the composition has a moisture content less than 0.2 wt%.
5. The composition of claim 1, wherein the composition demonstrates a tensile modulus greater than 9.5 GPa, and wherein the composition exhibits a maximum viscoelastic loss factor ( $\tan(\delta)$ ) at a temperature greater than 42 °C when the composition has a moisture content less than 0.2 wt% and/or a tensile modulus greater than 9.5 GPa and/or a heat distortion temperature greater than 185 °C.
6. The composition of claim 1, wherein the amorphous polyamide comprises polyamide blends of MPMD-T and MPMD-I.
7. The composition of claim 1, comprising:
  - from 20 wt% to 55 wt% semi-crystalline PA66 polyamide;
  - from 0 to 11 wt% semi-crystalline PA6 polyamide;
  - from 10 wt% to 70 wt% polyamide blends with MPMD-T/MPMD-I

- from 15 wt% to 60 wt% glass fiber;  
from 0.1 wt% to 2 wt% stearate;  
from 0.1 wt% to 2 wt% heat stabilizer;  
from 0 to 6 wt% colorant; and  
a moisture content less than 0.2 wt%.
8. The composition of claim 1, comprising:  
from 10 wt% to 70 wt% semi-crystalline PA66/6C;  
from 0 to 11 wt% semi-crystalline PA6 polyamide;  
from 10 wt% to 70 wt% amorphous polyamide;  
from 15 wt% to 60 wt% glass fiber;  
from 0.1 wt% to 2 wt% stearate;  
from 0.1 wt% to 2 wt% heat stabilizer;  
from 0 to 6 wt% colorant; and  
a moisture content less than 0.2 wt%.
9. A composition comprising:  
from 1 wt% to 50 wt% of a semi-crystalline PA66/6 (co)polyamide;  
from 30 wt% to 80 wt% of a material selected from the list consisting of a second semi-crystalline polyamide and an amorphous polyamide;  
wherein the composition exhibits a maximum  $\tan(\delta)$  at a temperature greater than 40 °C  
when the composition has a moisture content less than 0.2 wt%.
10. A composition comprising:  
a low  $T_g$  polymer with a  $T_g$  from 100 °C to 200 °C, and  
a high  $T_g$  polymer with a  $T_g$  from 0 °C to 160 °C,  
wherein the composition exhibits a maximum viscoelastic loss factor ( $\tan(\delta)$ ) at a  
temperature greater than 40 °C when the composition has a moisture content less than 0.2 wt%.
11. A connecting part, the part comprising:  
a part body for contacting a first component ; and

a part tab for contacting a second component to connect the first and second components, wherein at least one of the part body and the part tab comprise a composition comprising: one or more amorphous polyamides; and one or more semi-crystalline polyamides; wherein the part exhibits a maximum viscoelastic loss factor ( $\tan(\delta)$ ) at a temperature greater than 40 °C when the composition has a moisture content less than 0.2 wt%.

12. A connecting part, the part comprising:  
a part body for contacting a first component ; and  
a part tab for contacting a second component to connect the first and second components, wherein at least one of the part body and the part tab comprise a composition comprising:  
from 1 wt% to 50 wt% of a semi-crystalline PA66/6 (co)polyamide;  
from 30 wt% to 80 wt% of a material selected from the list consisting of a second semi-crystalline polyamide and an amorphous polyamide;  
wherein the part exhibits a maximum  $\tan(\delta)$  at a temperature greater than 40 °C when the composition has a moisture content less than 0.2 wt%.

13. The connecting part of claim 11, wherein the part is an engine mount, a differential mount, a torque rod, and HVAC compressor bracket, a strut mount, a shock absorber mount, or a transmission mount, or a combination thereof.

14. A process for connecting a first component to a second component, the process comprising:  
providing a connecting part comprising a part body and a part tab;  
contacting the part body with the first component; and  
contacting the part tab with the second component to connect first and second components,  
wherein the part exhibits a maximum  $\tan(\delta)$  at a temperature greater than 40 °C when the composition has a moisture content less than 0.2 wt%.

15. The process of claim 14, wherein the connecting part is an engine mount, the first component is an engine, and the second component is a chassis.