

degree of compatibility

Measure of the strength of the interfacial bonding between the component substances of a composite or immiscible polymer blend.

Notes:

1. Estimates of the degree of compatibility are often based upon the mechanical performance of the composite, the interphase thickness, or the sizes of the phase domains present in the composite, relative to the corresponding properties of composites lacking compatibility.
2. The term degree of incompatibility is sometimes used instead of degree of compatibility. Such use is discouraged as incompatibility is related to the weakness of interfacial bonding.

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