

| Soot core D_p (nm) | Soot core F_{vs} (%) | Δr_{me} of coated particle (nm) | Δr_{me} for filling (nm) | Δr_{me} for growth (nm) | Volume of total coating material (10^5 nm^3) | Volume of material used for filling (10^5 nm^3) | Volume of material used for growth (10^5 nm^3) | Volume of soot core void space (10^5 nm^3) | Fraction of void space filled (%) | % of material went to filling | % of material went to growth | Fraction of internal voids (%) | Fraction of open voids (%) |
|----------------------|------------------------|---|----------------------------------|---------------------------------|--|---|--|--|-----------------------------------|-------------------------------|------------------------------|--------------------------------|----------------------------|
| 75 | 58 | 52.1 | 9.3 | 42.8 | 21.00 | 1.30 | 19.70 | 1.33 | 97 | 6 | 94 | 90 | 10 |
| 100 | 63 | 36.9 | 7.3 | 29.6 | 13.90 | 1.40 | 12.50 | 3.20 | 44 | 10 | 90 | 91 | 9 |
| 150 | 72 | 35.2 | 12.4 | 22.8 | 19.29 | 4.54 | 14.75 | 11.78 | 38 | 24 | 76 | 91 | 9 |
| 200 | 78 | 30.5 | 20.5 | 10.0 | 20.92 | 12.13 | 8.79 | 29.50 | 41 | 58 | 42 | 83 | 17 |